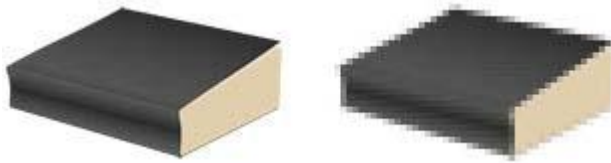


Please check the following items before sending out PDF files:

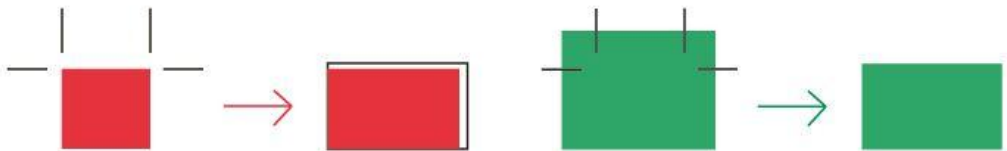
- Document is at the **final trim size**.
- No important design in **4 mm** inside margin (type safety).
- Bleed area around the page is **5 mm**.
- All RGB images are converted to **CMYK** and gray images to Grayscale.
- All images are at a **high resolution** (images below 150 dpi will fail preflight).
- All fonts are included.
- Spot color job: delete any unused spot colors from color palette.
- 4-color job: convert all spot colors to process CMYK.
- Keep in mind that some spot colors do not reproduce satisfactorily when built out of process.
- **PDF/X-1a** preset or accepted preset is used when writing out PDF file.
- Check final PDF in Acrobat with "**Output Preview**" and with "**Preflight**".
- Review final PDF with enabled "**Overprint Preview**".
- Review final PDF with "**Separations Preview**" to ensure expected color separation.

Common problems encountered in prepress:

- Low resolution images or graphics



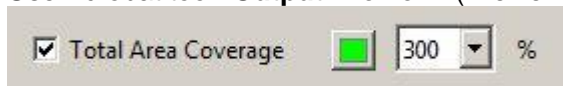
- Background color or image do not extend to bleed area and white line can appear after final trimming.



- Dark areas in images have exceeding ink sum (against the paper specification)

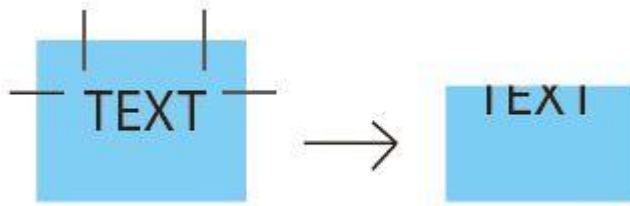
Separations		
	Name	
<input checked="" type="checkbox"/>	Process Plates	
<input checked="" type="checkbox"/>	Process Cyan	90%
<input checked="" type="checkbox"/>	Process Magenta	90%
<input checked="" type="checkbox"/>	Process Yellow	90%
<input checked="" type="checkbox"/>	Process Black	100%
	Total Area Coverage	370%

Use Acrobat tool "**Output Preview**" (Preview - Separations - [Total Area Coverage](#)).



NOTE: We always stop all excessive ink problems – for checking or for fixing. No automated preflight is able to decide error by object size – so it stops all PDFs. In printing only the objects with size **bigger than 2 cm are risky** – these should definitely be fixed. Thin lines or small shadows are not risky so these released after checking. Finding out is it the minor or mayor problem is time-consuming human job. If there is lot of jobs per day then the queue can be long. Therefore it is the best solution when uploaded files were checked and corrected before sending.

- Important design (heading, footer) is extremely close to the page edge and text damage can occur after final trimming. Leave 4 mm space.



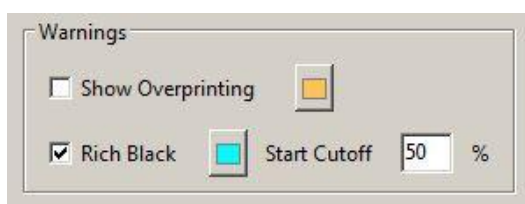
- Images supplied as RGB instead of CMYK



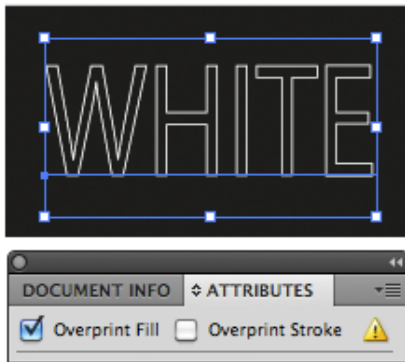
- Small black texts are separated to 4-ink color (rich-black color, C-50;M-40;Y-40;K-80) instead of solid black (100% K) and therefore text readability is not perfect.

100% black rich-black
gray with black ink gray with rich-black

Use Acrobat tool "**Output Preview**" (Preview - Color warnings - Warnings - Rich Black). Or use [this](#).



- White text has overprint turned on. White will disappear in final product. .



- Light text built of only one or two colors appear jagged when printed and text readability can be decreased.



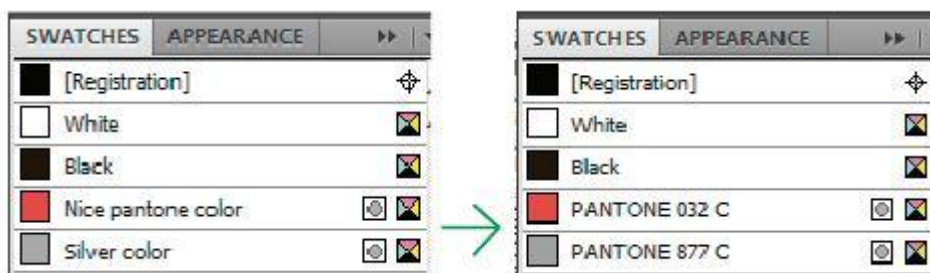
- Colored text smaller than 12 point is subject to misregistration and text readability can be decreased.



- It can be difficult to read text over a dark image



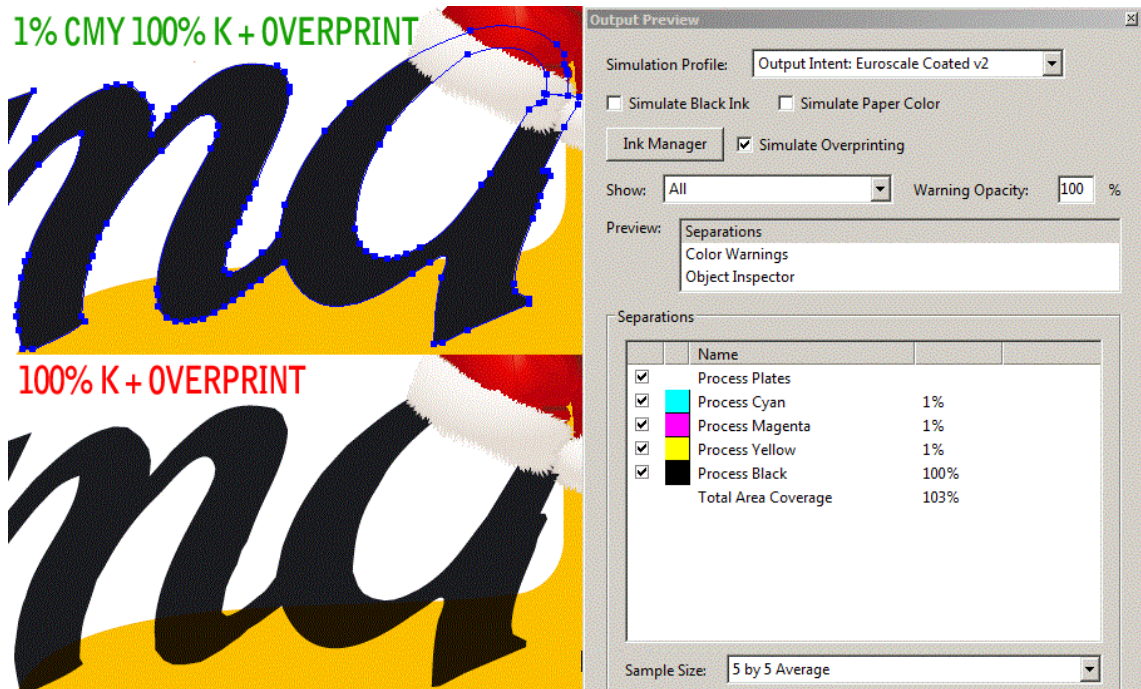
- Named colors is used instead of specific Pantone color numbers



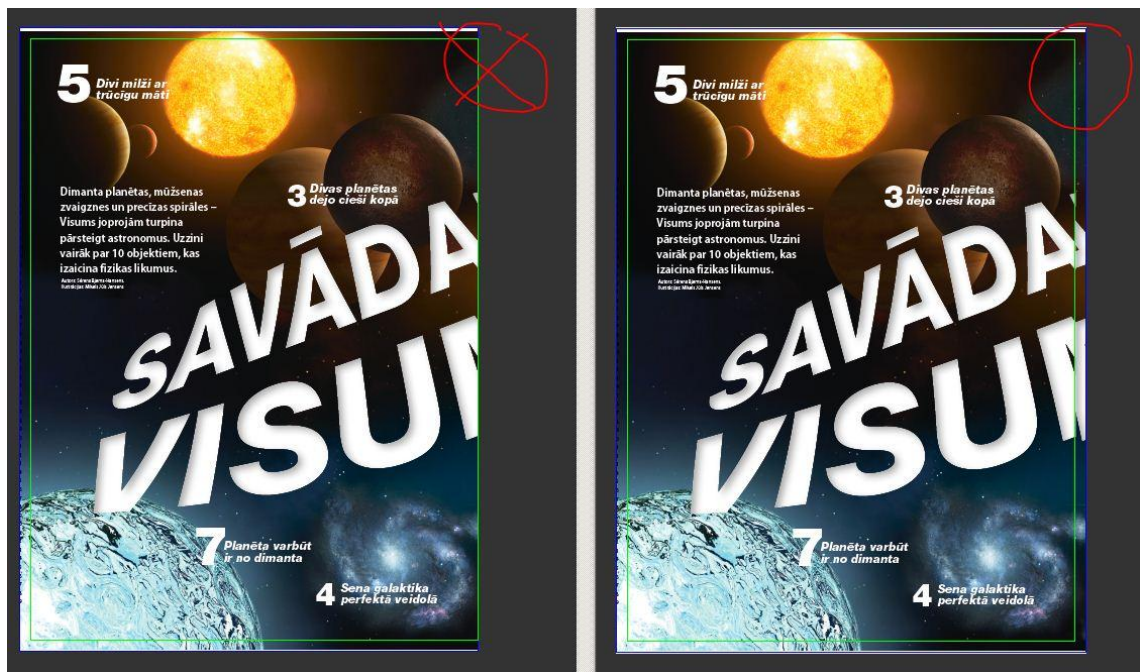
- Fonts are missing

Times → Courier

- The color of large shape is 100% K and it is *overprinted*.



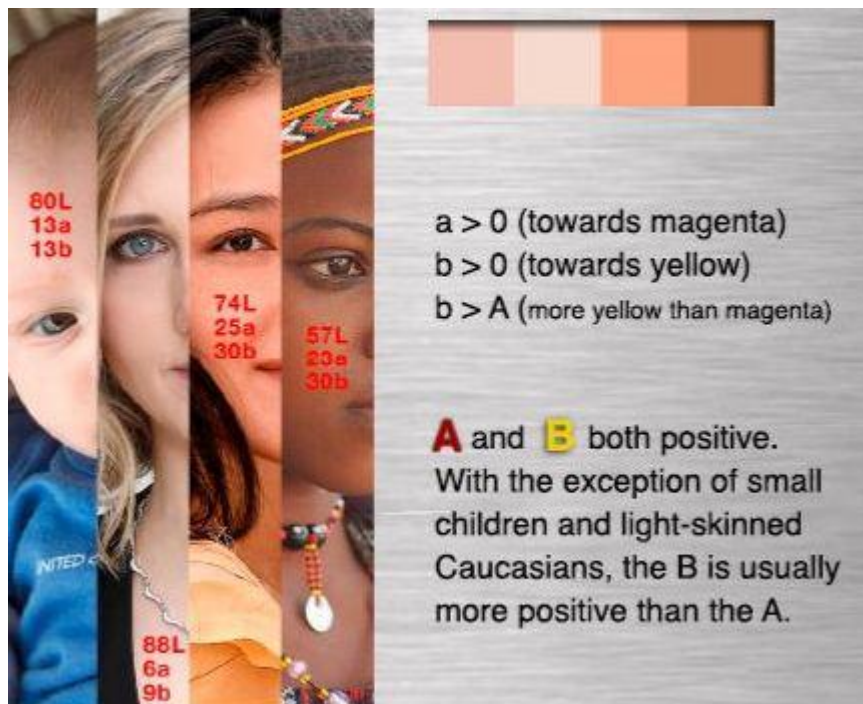
- The bleed around page is not symmetrical.



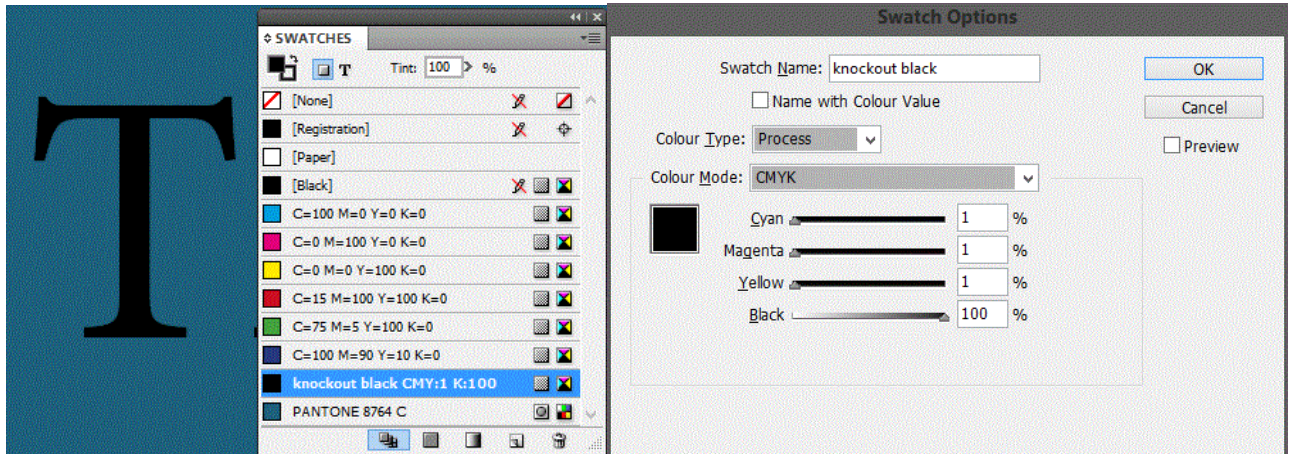
- The inside cover ad design is not accounting with cover glueing technology (a.k.a. "hinge binding").



- Skin tones are not correct and will turn to "greenish". Try to follow the recommended LAB values. When working with CMYK values, try to follow [this guide](#) and the rule $C/3=M=<Y$ & $K=0$.



- Black ink text on metallic ink is not made knockout, because "knockout black" (CMY:1 K:100) is not used.



Please check the following items when reviewing the printers proof:

Proofing Checklist

A "Printer's proof" is a ultimate preview of your press-ready file, allowing you to examine and confirm layout, text and content before your order is printed. We rely on your thorough inspection of proofs to detect and correct errors. While we do our best to ensure that every project is done right, only you can make sure all the elements are in place. Print professionals are still only human. We do sometimes make mistakes or miss ones in your the original material you submit. That's why proofing is a vital part of the printing process.

Once you have signed of on a final proof, you are giving us authorization to print. After you have given us the approval to proceed, we will not re-print for any error you did not notice. **Please Note:** We will not proceed to print without your written approval of the final proof(s) provided by us.

Because creating a new proofs can create additional work for your graphic designer as well as the printer, it is important to note that changes and/or corrections you make to the project during the proof stage normally will incur additional fees to your final cost. If you have any questions or concerns please contact our Sales Manager for more information.

The following is a list of items to double check on printer's proof before authorizing the job to be printed.