BEAMER appearance cheat sheet (from version 3.16)

Parent-child relations of Beamer's elements (colors, fonts, templates) are indicated by successive indentations. More information can be found in the official documentation: http://www.ctan.org/tex-archive/macros/latex/contrib/beamer/doc/beameruserguide.pdf.

Beamer's Colors

Use \setbeamercolor{template name}{(key=value) list} to change a Beamer's color. Keys are: fg, bg, parent, use. Use the color syntax of the xcolor package.

Structure of the presentation

Color palettes

palette primary palette secondary palette tertiary palette quaternary palette sidebar primary palette sidebar secondary palette sidebar tertiary palette sidebar quaternary

Global definitions

normal text titlelike separation line fine separation line

Title page

title page titlelike title subtitle author institute date

Part, section, subsection pages

part page section page subsection page

Table of contents

section in toc subsection in toc subsubsection in toc section in toc shaded subsection in toc shaded subsubsection in toc shaded

Bibliography

bibliography entry author bibliography entry title bibliography entry location bibliography entry note bibliography item

Note page note page

Structure of a frame

Background

background canvas background

Headlines and footlines

headline footline page number in head/foot separation line upper separation line head middle separation line head lower separation line head upper separation line foot middle separation line foot lower separation line foot author in head/foot title in head/foot date in head/foot institute in head/foot

Sidebars

sidebar sidebar left sidebar right section in sidebar section in sidebar shaded subsection in sidebar subsubsection in sidebar

title in sidebar author in sidebar

Navigation bars

mini frame section in head/foot subsection in head/foot subsubsection in head/foot

Navigation symbols

navigation symbols

Logo logo

Elements of a frame

Frame title

frametitle frametitle right framesubtitle frametitle continuation titlelike

Abstract

abstract abstract title

Hyperlinks and buttons

button button border

Lists

itemize item itemize subitem itemize subsubitem enumerate item enumerate subitem enumerate subsubitem enumerate mini template description item item

item projected subitem projected subsubitem projected subitem subsubitem

Highlighting

structure local structure alerted text

Blocks environments

block title block body block title alerted block body alerted example text block title example block body example

Theorem environments

ged symbol

Figures and tables

caption caption name

Verse, quotations and quotes

quotation quote

Footnotes

footnote footnote mark

Mathematics

math text math text inlined math text displayed normal text in math text

Beamer's Fonts

Use \setbeamerfont{template name}{ \langle key=value \rangle list} to change a Beamer's font. Keys are: family, series, shape, size, parent.

Structure of the presentation

Global definitions

projected text

Title page

title page title subtitle author institute date

Part, section, subsection pages

part page section page subsection page

Table of contents

section in toc subsection in toc subsubsection in toc section in toc shaded subsection in toc shaded subsubsection in toc shaded

Bibliography

bibliography entry author bibliography entry title bibliography entry location bibliography entry note bibliography item

Note page

note page

Structure of a frame

Background

background canvas background

Headlines and footlines

headline footline page number in head/foot

Sidebars

sidebar sidebar left sidebar right section in sidebar section in sidebar shaded subsection in sidebar subsubsection in sidebar title in sidebar author in sidebar

Navigation bars

mini frame section in head/foot subsection in head/foot subsubsection in head/foot

Navigation symbols

navigation symbols

Logo logo

Elements of a frame

Frame title frametitle

framesubtitle frametitle continuation

Abstract

abstract abstract title

Hyperlinks and buttons

button

Lists

itemize item itemize subitem itemize subsubitem enumerate item enumerate subitem enumerate subsubitem enumerate mini template itemize/enumerate body itemize/enumerate subbody itemize/enumerate subsubbody description item item

subsubitem projected

subitem subsubitem

Highlighting

structure tiny structure alerted text

Blocks environments

block title block body block title alerted block body alerted block title example block body example

Theorem environments

ged symbol

Figures and tables

caption caption name

Verse, quotations and quotes

verse quotation quote

Footnotes

footnote footnote mark

Beamer's Sizes

Use \setbeamersize{size name=\dim\} to change a Beamer's size. The geometry of the page is given by the geometry package.

sidebar width left text margin left sidebar width right text margin right

description width description width of

item projected

subitem projected

mini frame size miniframe offset

Beamer's Templates

Use \setbeamertemplate{template name}{your definition} to change a Beamer's template. The definition is some LATEX code which can use any of the \insert... commands given below.

Structure of the presentation

Title page

title page

Part, section, subsection pages

part page
section page
subsection page

Table of contents

sections/subsections in toc
section in toc
subsection in toc
subsubsection in toc
sections/subsections in toc shaded
section in toc shaded
subsection in toc shaded
subsubsection in toc shaded

Bibliography

bibliography entry author bibliography entry title bibliography entry location bibliography entry note bibliography item

Note page

note page

Structure of a frame

Background

background canvas background

Headlines and footlines

headline footline

Sidebars

sidebar left
sidebar right
sidebar canvas left
sidebar canvas right
section in sidebar
section in sidebar shaded
subsection in sidebar
subsection in sidebar shaded
subsubsection in sidebar
subsubsection in sidebar
subsubsection in sidebar shaded

Navigation bars

mini frames
mini frame
mini frame in current subsection
mini frame in other subsection
section in head/foot
section in head/foot shaded
subsection in head/foot shaded
subsubsection in head/foot
subsubsection in head/foot
subsubsection in head/foot
subsubsection in head/foot shaded

Navigation symbols

navigation symbols

Logo

logo

Elements of a frame

Frame title

frametitle
frametitle continuation

Abstract

abstract title abstract begin abstract end

Hyperlinks and buttons

button

Lists items

itemize items
 itemize item
 itemize subitem
 itemize subsubitem
 enumerate items
 enumerate item
 enumerate subitem
 enumerate subsubitem
 enumerate mini template
 itemize/enumerate body begin
 itemize/enumerate body end
 description item

Highlighting

structure begin structure end alerted text begin alerted text end

Blocks environments

blocks
block begin
block end
block alerted begin
block alerted end
block example begin
block example end

Theorem environments

qed symbol
theorems
 theorem begin
theorem end

Figures and tables

caption caption label separator

Verse, quotations and quotes verse begin

verse begin
verse end
quotation begin
quotation end
quote begin
quote end

Footnotes

 ${\tt footnote}\ {\tt TCF}$

Article mode

Frame structure

frame begin

Insert-like Commands

These commands can be used to compose templates.

Possible mandatory and optional arguments are omitted, see the official documentation.

Structure of the presentation

Page and frame numbering

\insertpagenumber

 $\verb|\insert document start page|$

 $\verb|\insert document endpage| \\$

\insertpresentationstartpage \insertpresentationendpage

\insertpartstartpage

\insertpartendpage

\insertsectionstartpage

\insertsectionendpage

\insertsubsectionstartpage

\insertsubsectionendpage

\insertappendixstartpage

\insertappendixendpage

\insertframenumber

\inserttotalframenumber

\insertframestartpage

\insertframeendpage

Presentation data

\insertauthor

\insertshortauthor

\insertinstitute

\insertshortinstitute

\inserttitle

\insertshorttitle

\insertsubtitle

\insertshortsubtitle

\insertdate

\insertshortdate

\inserttitlegraphic

Part, section, subsection data

\insertpart

\insertshortpart

\insertpartnumber

\insertpartromannumber

\insertsection

\insertsubsection

\insertsubsubsection

Table of contents

\inserttocsection

\inserttocsectionnumber

\inserttocsubsection

\inserttocsubsectionnumber

\inserttocsubsubsection

\inserttocsubsubsectionnumber

Bibliography

\insertbiblabel

Note pages

\insertnote

\insertslideintonotes

Structure of a frame

Headlines and footlines

\insertsectionhead

\insertsectionheadnumber

\insertpartheadnumber

\insertsubsectionhead

\insertsubsectionheadnumber

\insertsubsubsectionhead

\insertsubsubsectionheadnumber

Navigation bars

\insertnavigation

\insertsectionnavigation

\insertsectionnavigationhorizontal

\insertsubsectionnavigation

\insertsubsectionnavigationhorizontal

\insertverticalnavigation

Navigation symbols

\insertslidenavigationsymbol

\insertframenavigationsymbol

\insertsubsectionnavigationsymbol

\insertsectionnavigationsymbol

\insertdocnavigationsymbol

\insertbackfindforwardnavigationsymbol

Logo

\insertlogo

Elements of a frame

Frame title

\insertframetitle

\insertframesubtitle

\insertcontinuationcount

\insertcontinuationcountroman

\insertcontinuationtext

Hyperlinks and buttons

\insertbuttontext

\insertgotosymbol

\insertskipsymbol

\insertreturnsymbol

Lists

\insertenumlabel

\insertsubenumlabel

\insertsubsubenumlabel

\insertenumlabel

.

 $\verb|\insert description| item|$

Blocks environments

\insertblocktitle

Theorem environments

\inserttheoremblockenv

\inserttheoremheadfont

\inserttheoremname

\inserttheoremnumber

\inserttheoremaddition

\inserttheorempunctuation

Figures and tables

\insertcaption

\insertcaptionname

\insertcaptionnumber

Footnotes

\insertfootnotetext

\insertfootnotemark

Named Themes

See the official documentation for options associated to some of these themes. Snapshots of the themes can be found at http://www.hartwork.org/beamer-theme-matrix/.

Global Themes

\usetheme{theme name}

Without Navigation Bar

default
Bergen
Boadilla
Madrid
AnnArbor
CambridgeUS
Pittsburgh
Rochester

Tree-Like Navigation Bar

Antibes
JuanLesPins
Montpellier

Table of Contents Sidebar

Berkeley PaloAlto Goettingen Marburg Hannover

Mini Frame Navigation

Berlin Ilmenau Dresden Darmstadt Frankfurt Singapore Szeged

Section and Subsection Tables

Copenhagen Luebeck Malmoe Warsaw

Inner Themes

\useinnertheme{theme name}

default circles rectangles rounded inmargin

Outer Themes

\useoutertheme{theme name}
 default
 infolines
 miniframes
 smoothbars
 sidebar
 split
 shadow
 tree
 smoothtree

Color Themes

\usecolortheme{theme name}
 default
 structure
 sidebartab

Complete Color Themes

albatross beetle crane dove fly
seagull
wolverine
beaver

Inner Color Themes

lily orchid rose

Outer Color Themes

whale seahorse dolphin

Font Themes

\usefonttheme{theme name}
default
professionalfonts
serif
structurebold
structureitalicserif
structuresmallcapsserif
structureitalicserif