

# LcdSe7en

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(Last updated November 6, 2022.)

✉: 2353442022@qq.com  
WWW: <https://texdoc.org/index.html>

✉: <https://github.com/lcdse7en/latex-packages>  
G: <https://gitee.com/se7enlcd>

**Table 1: Packages**

ID	Packages	Explain	ID	Packages	Explain
1	amsfonts	数学符号字库	2	hyperref	超链接
3	amsmath	公式	4	verbatim	代码环境
5	metalogo	特殊符号和预定义字符串	6	graphicx	绘制图形
7	fontspec	字体命令封装	8	xcolor	颜色
9	geometry	页面设置	10	titling	控制maketitle等命令
11	inputenc	接受不同输入编码	12	minted	代码
13	tcolorbox		14	tabulararray	绘制表格
15	libertine		16	titlesec	节标题设计
17	ifthen	条件控制语句	18	kotex	韩语
19	fontawesome5	Icon	20		
21	codebox		22		
23			24		
25			26		
27			28		
29			30		
31			32		
33			34		
35			36		
37			38		
39			40		
41			42		
43			44		
45			46		
47			48		
49			50		
51			52		
53			54		
55			56		
57			58		
59			60		
61			62		
63			64		
65			66		
67			68		
69			70		
71			72		

```

1 \documentclass[letterpaper, 10pt]{article}
2 \usepackage[slantfont,boldfont]{xeCJK}
3 \usepackage{kotex} % Korea language environment
4 \usepackage[margin=0.45in]{geometry}
5 \usepackage{metalogo}
6 \usepackage[dvipsnames]{xcolor}
7 \usepackage[colorlinks=true,urlcolor=Blue]{hyperref}
8 \usepackage{titling}
9 \usepackage{newclude} % page break
10 \usepackage{minted} % -shell-escape
11 % sudo pip3 install pygments
12 \usemintedstyle{xcode} % pygmentize -L styles [xcode, github-dark]
13 % ----- Set language -----
14 \setmainfont{Noto Sans CJK SC}
15 \setCJKmainfont{Noto Sans CJK SC}
16 \setCJKsansfont{Noto Sans CJK SC}
17 \setCJKmonofont{Noto Sans CJK SC}
18 % ----- Link images Begin -----
19 \newcommand{\pdf}{\includegraphics[height=.85em]{png/pdf.png}}
20 \newcommand{\gh}{\includegraphics[height=.85em]{png/gh.png}}
21 \newcommand{\www}{\includegraphics[height=.85em]{png/www.png}}
22 \newcommand{\email}{\includegraphics[height=.85em]{png/email.png}}
23 \newcommand{\yt}{\includegraphics[height=.85em]{png/yt.png}}
24 \newcommand{\gitee}{\includegraphics[height=.85em]{png/gitee.png}}
25
26 % ----- Custom title command. -----
27 \renewcommand{\maketitle}{%
28   \hspace{.25\textwidth}
29   \begin{minipage}[t]{.5\textwidth}
30     \par{\centering\Huge \texttt{\theauthor}\par}
31   \end{minipage}
32   \begin{minipage}[t]{.25\textwidth}
33     {\footnotesize\hfill{} \color{gray}
34       \hfill{} Download this document:
35
36       \hfill{} \color{gray} \url{https://github.com/lcdse7en/archlinux}{documents.pdf} \pdf
37
38       \hfill{} (Last updated \thedata.)}
39   }
40   \end{minipage}
41 }
42
43 \let\oldhref\href
44 \renewcommand{\href}[3]{\color{blue}{\oldhref{\color{#2}{\color{#1}{\color{#3}{}}}}}}
45
46 \author{LcdSe7en}
47 \date{\today}

```

```
1 nnoremap <buffer> <F6> <cmd>ToggleTerm size=10 direction=horizontal<cr><cmd>terminal latexmk -pvc
2   ↵ *.tex<cr>A
3 nnoremap <buffer> <F7> <cmd>ToggleTerm size=10 direction=horizontal<cr><cmd>terminal latexmk -pvc
4   ↵ --shell-escape *.tex<cr>A
```

```
1
2 " -----
3 " ----- Custom run tex keys beginning -----
4 " -----
5
6 nnoremap <buffer> <F6> <cmd>ToggleTerm size=10 direction=horizontal<cr><cmd>terminal latexmk -pvc *.tex<cr>A
7 nnoremap <buffer> <F7> <cmd>ToggleTerm size=10 direction=horizontal<cr><cmd>terminal latexmk -pvc --shell-escape *.tex<cr>A
8
9 " -----
10 " ----- Custom run tex keys end -----
11 "
```

```
1 \begin{document}
2
3 \maketitle
4
5
6 % no page break
7 % \usepackage{newclude}
8 \include*{documents/basic-info}
9 \include*{documents/packages-table}
10
11 \include{documents/start}
12 \include{documents/fontawesome5}
13 \include{documents/graphicx}
14 \include{documents/minted}
15 \include{documents/tabulararray}
16
17 \end{document}
```

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 : <https://fontawesome.com/v5/search>

 : <https://github.com/lcdse7en>

 : <https://gitee.com/se7enlcd>

```

1 \documentclass[letterpaper, 10pt]{article}
2 \usepackage{fontawesome5}
3
4 \begin{document}
5
6 \faIcon{tint}
7
8 \textcolor{red}{\faIcon{tint}}
9
10 \end{document}
11

```

**Table 2: Fontawesome5 Icons**

ID	Icon Name	Show	ID	Icon Name	Show
1	yin-yang		2	transgender	
3	yen-sign		4	toggle-on	
5	video		6	terminal	
7	user-secret		8	tag	
9	store		10	share	
11	phone-volume		12	pen-nib	
13	smoking-ban		14	magnet	
15	smoking		16	landmark	
17	id-card		18	heart	
19	code		20	clock	
21	clone		22	check	
23	youtube		24	weixin	
25	weibo		26	whatsapp	
27	python		28	qq	
29	google-plus		30	github	
31	chrome		32	tint	
33	chart-line		34		
35			36		
37			38		
39			40		
41			42		
43			44		
45			46		
47			48		
49			50		

```
1 \documentclass[letterpaper, 10pt]{article}
2 \usepackage{graphicx}
3
4 \begin{document}
5
6 \begin{figure}[hbt!]
7   \centering
8   \begin{minipage}{0.49\textwidth}
9     \centering
10    \includegraphics[width=\textwidth]{images/1.jpg}
11    \caption{1}
12  \end{minipage}
13  \begin{minipage}{0.49\textwidth}
14    \centering
15    \includegraphics[width=\textwidth]{images/2.jpg}
16    \caption{2}
17  \end{minipage}
18 \end{figure}
19
20 \end{document}
```



```
1 % sudo pip3 install pygments
2 % -shell-escape
3
4 \documentclass[letterpaper, 10pt]{article}
5 \usepackage{minted}
6 \usepackage{xcolor}
7 \usepackage{fontawesome5} % \textcolor{green}{\faIcon{github}}
8
9 \usemintedstyle[xcode] % pygmentize -L styles [xcode, github-dark]
10
11
12 % Custom Code Environments
13 \newminted{tex}{%
14     gobble=2,
15     linenos,
16     mathescape,
17     numbersep=5pt,
18     frame=single,
19     baselinestretch=1.2,
20     fontsize=\normalsize, % huge, LARGE, large, normalsize, small, footnotesize, scriptsize, tiny
21     highlightcolor=yellow!50,
22     highlightlines={1,3},
23     bgcolor=bg,
24     breaklines,
25 }
26
27 \begin{document}
28
29 % \begin{Customcode}
30 \begin{minted}[
31     encoding=utf8,
32     linenos,
33     gobble=2,
34     mathescape,
35     numbersep=5pt,
36     frame=single,
37     framesep=2mm,
38     baselinestretch=1.2,
39     fontsize=\large, % huge, LARGE, large, normalsize, small, footnotesize, scriptsize, tiny
40     highlightcolor=yellow!50,
41     highlightlines={1,3},
42     bgcolor=bg,
43     breaklines]{tex}
44 ...
45 \end{minted}
46 % \end{Customcode}
47
48 \end{document}
```

```
1 \documentclass[letterpaper, 10pt]{article}
2 \usepackage{tabulararray}
3 \usepackage{xcolor}
4 \usepackage{chngcntr} % resort
5
6 \definecolor{mygrey}{RGB}{128,128,128}
7 \definecolor{myteal}{RGB}{0,128,128}
8 \definecolor{mypink}{RGB}{250,218,221}
9
10 \NewTblrEnviron{mytblr}
11 \SetTblrOuter[mytblr]{long}
12 \SetTblrInner[mytblr]{
13     width = 0.99\linewidth,
14     rowhead = 1,
15     verb,
16     row{odd} = {bg=mypink},
17     row{1} = {bg=myteal, fg=white},
18 }
19 \SetTblrStyle[caption-tag]{red2}
20 \SetTblrStyle[firstfoot]{fg=blue2}
21 \SetTblrStyle[firsthead]{font=\bfseries}
22
23 \UseTblrLibrary{counter}
24 \newcounter{mycnta}
25 \newcommand{\mycnta}{\stepcounter{mycnta}\arabic{mycnta}}
26 % resort on Page
27 \counterwithin{mycnta}{page}
28 \renewcommand{\themycnta}{\arabic{mycnta}}
29
30 \NewTableCommand\myhline{\hline[0.2em,black]}
31
32 \begin{document}
33
34 \begin{mytblr}[
35     caption = {caption Name},
36 ]{
37     colspec = {|l|X[2.8]|X[2.8]|X[2.8]|X[2.8]|},
38     }
39     \myhline
40     \SetRow{c} ID & column1 & column2 & column3 & column4 \\
41     \myhline
42     \mycnta & text1 & text2 & test3 & test 4 \\
43     ...
44     \myhline
45 \end{mytblr}
46
47 \end{document}
```

