

Converting Colors

CIELCh(75, 18.077, 242.628)

Have a look what the booklet for
CIELCh(75, 18.077, 242.628)
contains.

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Color

CIELCh(75, 18.305, 244.062)

Conversions

Conversions Part 1

Format	Color
Hex	95BED6
RGB	149, 190, 214
RGB Percent	58%, 75%, 84%
CMY	0.4143, 0.2535, 0.1593
CMYK	0.30, 0.11, 0.00, 0.16
HSL	202°, 44%, 71%
HSV	202°, 30%, 84%
XYZ	43.1339, 48.2781, 70.9086
YIQ	180.4770, -32.1400, -1.2280

Conversions

Conversions Part 2

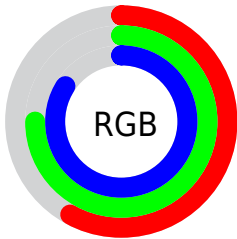
Format	Color
R_{YB}	149, 174, 214
Decimal	9813718
CIE _{Lab}	75.00, -8.01, -16.46
CIE _{LCh}	75, 18.305, 244.062
Yxy	48.2781, 0.2657, 0.2974
Android (android.graphics.Color)	4288003798 (0xFF95BED6)
YUV	180.4770, 16.5268, -27.6053
Hunter-Lab	69.4824, -10.7836, -11.8693

Details

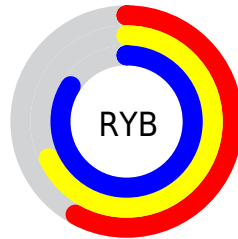
The CIELCh color **75, 18.305, 244.062** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 21.333, 57.426**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 14.503, 217.326**, and **55, 18.175, 242.874** is the 20% darker color. If you saturate the color by 10%, you get **72, 23.756, 245.975**, and if you desaturate by 10%, it is **78, 12.526, 242.510**.

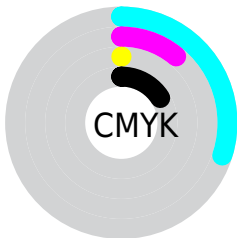
Distribution



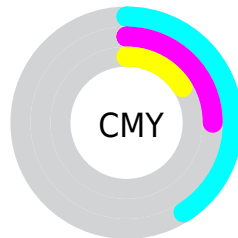
- Red (58%)
- Green (75%)
- Blue (84%)



- Red (58%)
- Yellow (68%)
- Blue (84%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (41%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 18.305, 244.062 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 75, 18.305, 244.062 by changing the saturation by 10% instead.

■ 75, 18.305,
244.062

■ 75, 18.305,
244.062

■ 100, 18.305,
244.062

■ 65, 18.305,
244.062

■ 95, 18.305,
244.062

■ 55, 18.305,
244.062

■ 45, 18.305,
244.062

■ 35, 18.305,
244.062

■ 25, 18.305,
244.062

■ 15, 18.305,
244.062

■ 5, 18.305, 244.062

■ 0, 18.305, 244.062

■ 75, 18.305,
244.062

■ 75, 18.305,
244.062

■ 72, 23.756,
245.975

■ 78, 12.526,
242.510

■ 68, 28.832,
248.337

■ 82, 6.477, 241.279

■ 65, 33.501,
251.225

■ 86, 0.214, 242.460

■ 89, 6.213, 59.245

■ 62, 37.768,
254.713

■ 93, 12.308, 60.270

■ 59, 41.694,
258.834

■ 95, 13.609, 81.289

■ 97, 16.339, 96.829

■ 57, 45.398,
263.550

■ 99, 19.895,

■ 54, 48.971,
268.429

107.264

■ 99, 20.535,
108.623

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75, 18.305, 244.062



74, 21.333, 57.426

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 18.305, 244.062



75, 18.305, 294.062



75, 18.305, 64.062



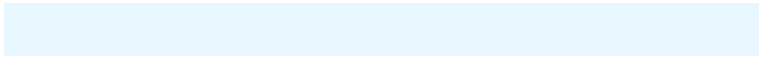
75, 18.305, 114.062

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75, 18.304, 244.058



96, 6.511, 241.150



81, 32.191, 154.533



51, 4.514, 241.304



0, 0.000, 0.000



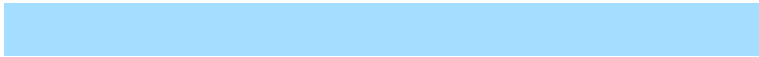
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 18.304, 244.058



85, 24.661, 245.165



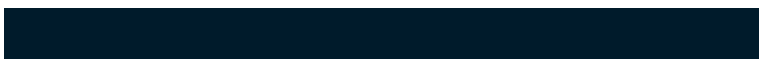
66, 31.253, 288.232



43, 3.562, 241.184



44, 40.892, 267.554



9, 14.229, 256.149

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 32.695, 339.629



78, 44.594, 340.191



82, 29.702, 100.800



42, 6.054, 337.881



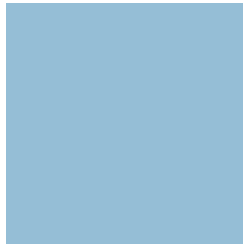
37, 65.765, 350.128



5, 25.264, 345.310

Previews

White Background



This preview shows how the CIE LCh color 75, 18.305, 244.062 looks on a white background.

Color Contrast Check

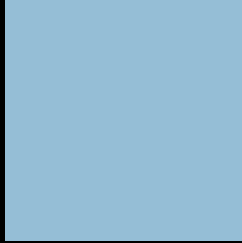
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 18.305, 244.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

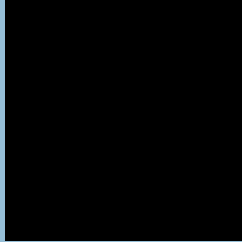
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 18.305, 244.062

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.305, 244.062.



This preview shows how white text looks on a background with the CIELCh color 75, 18.305, 244.062.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

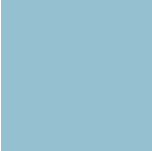
75, 18.305, 244.062

Protanopia

75, 14.070, 287.238

Deuteranopia

75, 20.170, 297.916



Tritanopia
75, 16.490, 228.045

Trichromacy



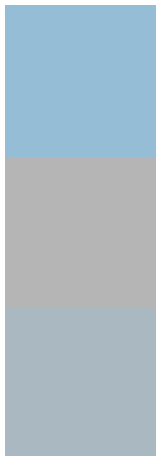
Original Color
75, 18.305, 244.062

Protanomaly
75, 14.538, 267.897

Deuteranomaly
75, 17.588, 279.547

Tritanomaly
75, 17.216, 235.359

Monochromacy



Original Color
75, 18.305, 244.062

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.150, 242.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.305, 244.062 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(149, 190, 214)` looks like.

```
.text, #text, p{  
    color:rgb(149, 190, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(149, 190, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 190, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.305, 244.062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 190, 214) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(149, 190, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(149, 190, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 190, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 190, 214);  
box-shadow:4px 4px 4px 4px rgb(149, 190,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.305, 244.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 190, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(149,  
190, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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