

Converting Colors

CIELCh(75, 18.478, 243.655)

Have a look what the booklet for
CIELCh(75, 18.478, 243.655)
contains.

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Color

CIELCh(75, 18.648, 245.394)

Conversions

Conversions Part 1

Format	Color
Hex	95BED7
RGB	149, 190, 215
RGB Percent	58%, 75%, 84%
CMY	0.4146, 0.2538, 0.1558
CMYK	0.31, 0.12, 0.00, 0.16
HSL	203°, 45%, 71%
HSV	203°, 31%, 84%
XYZ	43.2154, 48.2781, 71.5160
YIQ	180.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

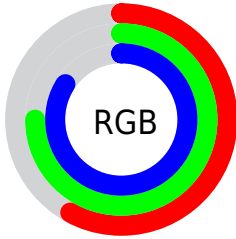
Format	Color
R_{YB}	149, 174, 215
Decimal	9813719
CIE _{Lab}	75.00, -7.76, -16.95
CIE _{LCh}	75, 18.648, 245.394
Yxy	48.2781, 0.2651, 0.2962
Android (android.graphics.Color)	4288003799 (0xFF95BED7)
YUV	180.5910, 16.9636, -27.7053
Hunter-Lab	69.4824, -10.5741, -12.3875

Details

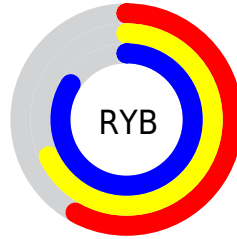
The CIELCh color **75, 18.648, 245.394** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 21.672, 58.458**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 14.503, 217.326**, and **55, 18.520, 244.369** is the 20% darker color. If you saturate the color by 10%, you get **72, 24.162, 247.359**, and if you desaturate by 10%, it is **79, 12.817, 243.795**.

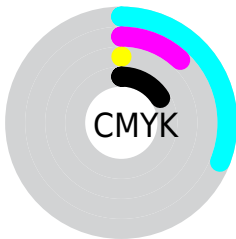
Distribution



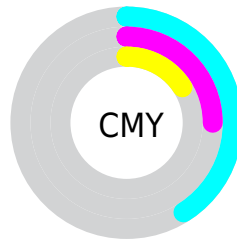
- Red (58%)
- Green (75%)
- Blue (84%)



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



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 18.648, 245.394 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, 18.648, 245.394 by changing the saturation by 10% instead.


 75, 18.648,
245.394


 75, 18.648,
245.394


 100, 18.648,
245.394


 65, 18.648,
245.394


 95, 18.648,
245.394

 55, 18.648,
245.394

 45, 18.648,
245.394

 35, 18.648,
245.394

 25, 18.648,
245.394

 15, 18.648,
245.394

 5, 18.648, 245.394

0, 18.648, 245.394

75, 18.648,
245.394

75, 18.648,
245.394

72, 24.162,
247.359

79, 12.817,
243.795

68, 29.316,
249.776

82, 6.726, 242.519

65, 34.083,
252.723

86, 0.429, 242.505

90, 6.026, 60.413

62, 38.472,
256.266

93, 12.050, 61.907

59, 42.547,
260.434

95, 13.566, 83.590

97, 16.545, 99.054

56, 46.434,
265.176

99, 20.078,

■ 54, 50.078,
269.876

108.658

Harmonies

Complementary

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



75, 18.648, 245.394



74, 21.672, 58.458

Rectangle

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



75, 18.648, 245.394



75, 18.648, 295.394



75, 18.648, 65.394



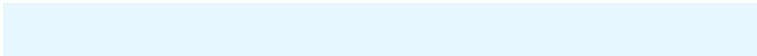
75, 18.648, 115.394

Sweetspot

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



75, 18.647, 245.390



96, 6.530, 242.348



81, 32.652, 154.497



51, 4.527, 242.507



0, 0.000, 0.000



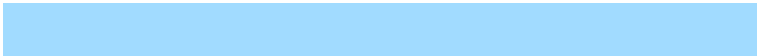
53, 0.007, 296.813

Same Dimension

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



75, 18.647, 245.390



85, 25.428, 246.662



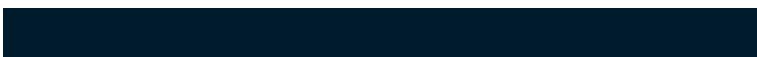
66, 31.726, 288.290



43, 3.573, 242.383



43, 41.657, 268.991



9, 14.408, 257.586

Inverse Universe

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



69, 32.959, 340.120



77, 45.523, 340.758



82, 30.131, 100.762



42, 6.013, 338.316



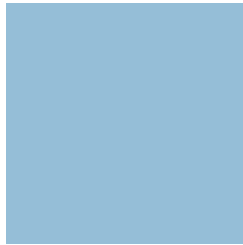
37, 65.450, 350.914



5, 25.112, 345.931

Previews

White Background



This preview shows how the CIELCh color 75, 18.648, 245.394 looks on a white background.

Color Contrast Check

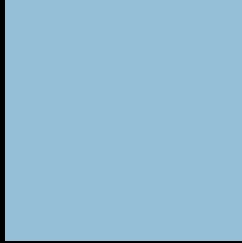
Large Text (above 18pt) WCAG AA × Fail

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, 18.648, 245.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

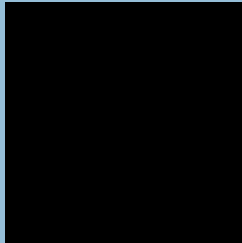
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 18.648, 245.394

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.648, 245.394.

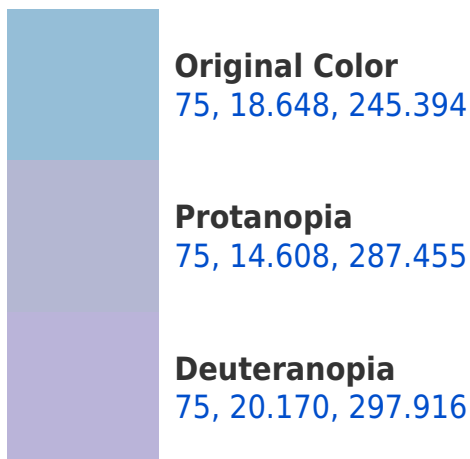


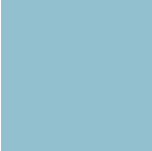
This preview shows how white text looks on a background with the CIELCh color 75, 18.648, 245.394.

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





Tritanopia
75, 16.755, 227.516

Trichromacy



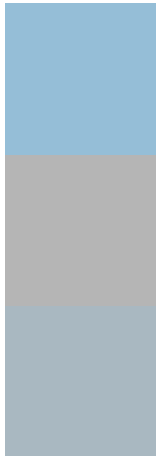
Original Color
75, 18.648, 245.394

Protanomaly
75, 15.028, 268.816

Deuteranomaly
75, 17.588, 279.547

Tritanomaly
75, 17.216, 235.359

Monochromacy



Original Color
75, 18.648, 245.394

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, 18.648, 245.394 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(149, 190, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 190, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.648, 245.394 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, 215) }
```

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

```
.border{ border-color:rgb(149, 190, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 190, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 190, 215);  
box-shadow:4px 4px 4px 4px rgb(149, 190,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.648, 245.394 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, 215) }
```

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

```
.background{ background-color: rgb(149,  
190, 215) }
```

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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