

Converting Colors

CIELCh(75, 25.104, 247.968)

Have a look what the booklet for
CIELCh(75, 25.104, 247.968)
contains.

CIELCh(75, 25.171, 247.581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 25.171, 247.581)

Conversions

Conversions Part 1

Format	Color
Hex	87C0E3
RGB	135, 192, 227
RGB Percent	53%, 75%, 89%
CMY	0.4714, 0.2478, 0.1106
CMYK	0.41, 0.15, 0.00, 0.11
HSL	203°, 62%, 71%
HSV	203°, 41%, 89%
XYZ	42.5996, 48.2781, 79.5943
YIQ	178.9470, -45.2070, -1.1990

Conversions

Conversions Part 2

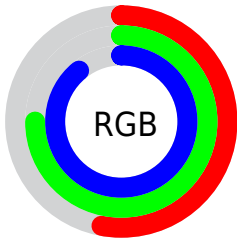
Format	Color
RYB	135, 170, 227
Decimal	8896739
CIELab	75.00, -9.60, -23.27
CIELCh	75, 25.171, 247.581
Yxy	48.2781, 0.2499, 0.2832
Android (android.graphics.Color)	4287086819 (0xFF87C0E3)
YUV	178.9470, 23.6901, -38.5415
Hunter-Lab	69.4824, -12.1562, -19.2809

Details

The CIELCh color **75, 25.171, 247.581** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 30.953, 57.786**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 18.747, 209.454**, and **55, 25.226, 247.446** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.558, 250.012**, and if you desaturate by 10%, it is **79, 19.407, 245.598**.

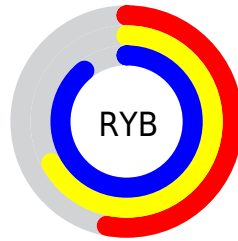
Distribution



Red (53%)

Green (75%)

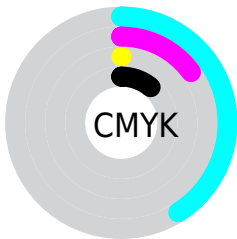
Blue (89%)



Red (53%)

Yellow (67%)

Blue (89%)

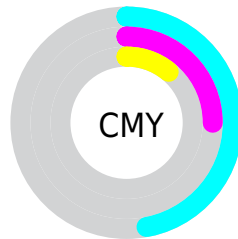


Cyan (41%)

Magenta (15%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (25%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 25.171, 247.581 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, 25.171, 247.581 by changing the saturation by 10% instead.

■ 75, 25.171,
247.581

■ 75, 25.171,
247.581

■ 100, 25.171,
247.581

■ 65, 25.171,
247.581

■ 95, 25.171,
247.581

■ 55, 25.171,
247.581

■ 45, 25.171,
247.581

■ 35, 25.171,
247.581

■ 25, 25.171,
247.581

■ 15, 25.171,
247.581

■ 5, 25.171, 247.581

0, 25.171, 247.581

75, 25.171,
247.581

75, 25.171,
247.581

72, 30.558,
250.012

79, 19.407,
245.598

68, 35.544,
252.978

82, 13.317,
243.993

65, 40.140,
256.544

86, 6.956, 242.709

90, 0.382, 242.876

62, 44.413,
260.736


94, 6.356, 60.592

59, 48.496,
265.502

97, 9.499, 83.451

57, 52.369,
270.281

99, 12.909,
104.640

 99, 14.274,
109.099

Harmonies

Complementary

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



75, 25.171, 247.581



74, 30.953, 57.786

Rectangle

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



75, 25.171, 247.581



75, 25.171, 297.581



75, 25.171, 67.581



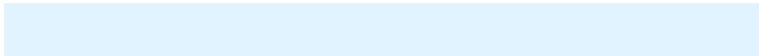
75, 25.171, 117.581

Sweetspot

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



75, 25.170, 247.579



95, 8.670, 242.883



83, 44.713, 153.377



50, 5.739, 243.040



0, 0.000, 0.000



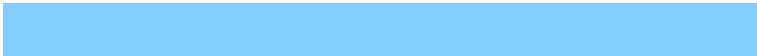
53, 0.007, 296.813

Same Dimension

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



75, 25.170, 247.579



80, 32.680, 249.682



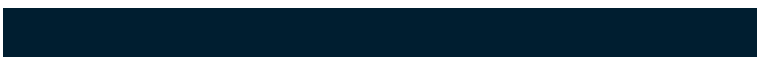
63, 44.604, 290.144



45, 3.714, 242.585



44, 42.775, 269.347



10, 15.669, 259.287

Inverse Universe

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



68, 45.217, 341.172



71, 59.339, 342.125



85, 41.415, 99.631



44, 6.241, 338.392



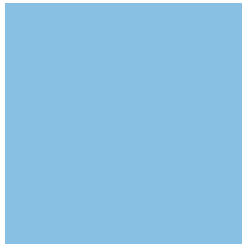
38, 66.811, 351.115



7, 27.995, 346.301

Previews

White Background



This preview shows how the CIELCh color 75, 25.171, 247.581 looks on a white background.

Color Contrast Check

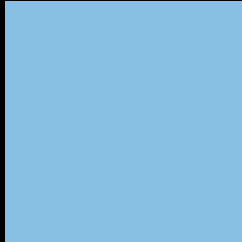
Large Text (above 18pt) WCAG AA × Fail

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, 25.171, 247.581 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, 25.171, 247.581

Background



This preview shows how black text looks on a background with the CIELCh color 75, 25.171, 247.581.

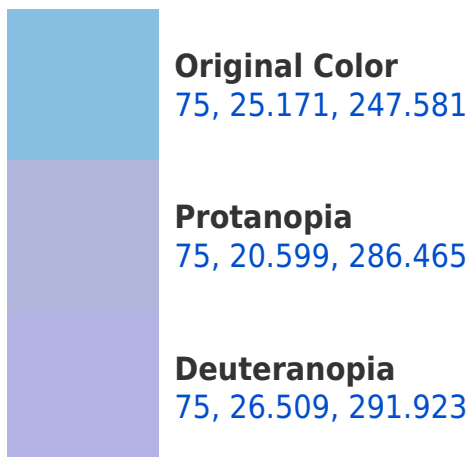


This preview shows how white text looks on a background with the CIELCh color 75, 25.171, 247.581.

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](#).

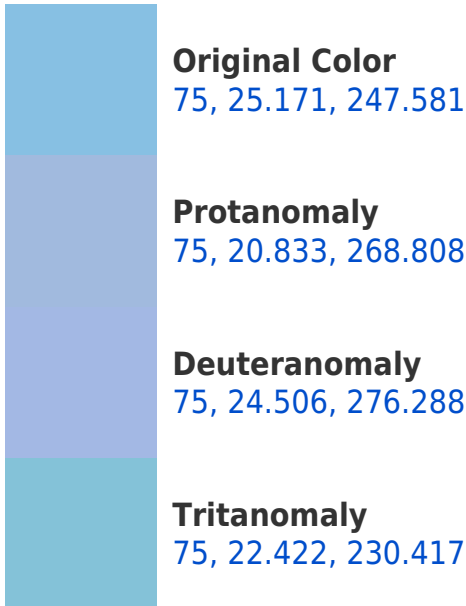
Dichromacy



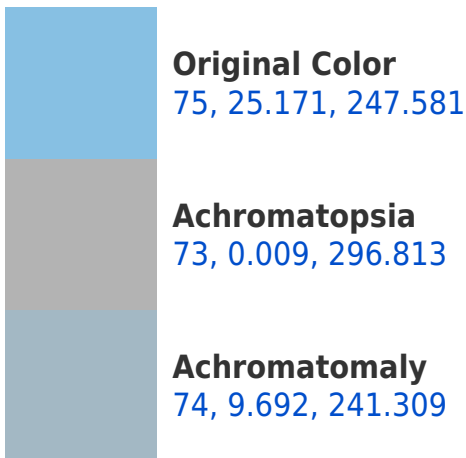


Tritanopia
75, 21.946, 219.828

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 25.171, 247.581 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(135, 192, 227)` looks like.

```
.text, #text, p{  
    color:rgb(135, 192, 227)  
}
```

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(135, 192, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 192, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 25.171, 247.581 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(135, 192, 227) }
```

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

```
.border{ border-color:rgb(135, 192, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 192, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 192, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 192, 227);  
box-shadow:4px 4px 4px 4px rgb(135, 192,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 25.171, 247.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 192, 227) }
```

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

```
.background{ background-color: rgb(135,  
192, 227) }
```

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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