

Converting Colors

CIELCh(66, 24.576, 243.118)

Have a look what the booklet for
CIELCh(66, 24.576, 243.118)
contains.

CIELCh(66, 24.570, 243.070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 24.570, 243.070)

Conversions

Conversions Part 1

Format	Color
Hex	6CA8C7
RGB	108, 168, 199
RGB Percent	42%, 66%, 78%
CMY	0.5764, 0.3411, 0.2195
CMYK	0.46, 0.16, 0.00, 0.22
HSL	200°, 45%, 60%
HSV	200°, 46%, 78%
XYZ	30.5019, 35.3238, 59.2528
YIQ	153.5940, -45.7110, -3.0790

Conversions

Conversions Part 2

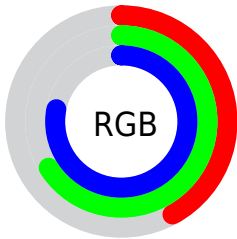
Format	Color
R _{YB}	108, 144, 199
Decimal	7121095
CIE _{Lab}	66.00, -11.13, -21.91
CIE _{LCh}	66, 24.570, 243.070
Y _{xy}	35.3238, 0.2439, 0.2824
Android (android.graphics.Color)	4285311175 (0xFF6CA8C7)
YUV	153.5940, 22.3852, -39.9859
Hunter-Lab	59.4338, -12.4016, -17.5057

Details

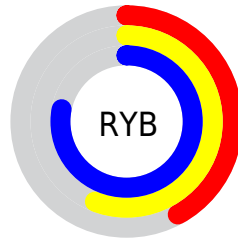
The CIELCh color **66, 24.570, 243.070** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **63, 32.071, 53.299**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 24.246, 242.686**, and **46, 24.544, 243.065** is the 20% darker color. If you saturate the color by 10%, you get **63, 28.935, 245.543**, and if you desaturate by 10%, it is **69, 19.780, 241.072**.

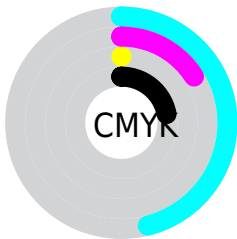
Distribution



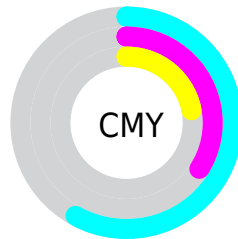
- Red (42%)
- Green (66%)
- Blue (78%)



- Red (42%)
- Yellow (56%)
- Blue (78%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 24.570, 243.070 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 66, 24.570, 243.070 by changing the saturation by 10% instead.

■ 66, 24.570,
243.070

■ 66, 24.570,
243.070

■ 100, 24.570,
243.070

■ 56, 24.570,
243.070

■ 86, 24.570,
243.070

■ 46, 24.570,
243.070

■ 96, 24.570,
243.070

■ 36, 24.570,
243.070

■ 26, 24.570,
243.070

■ 16, 24.570,
243.070

■ 6, 24.570, 243.070

■ 0, 24.570, 243.070

66, 24.570,
243.070

66, 24.570,
243.070

63, 28.935,
245.543

69, 19.780,
241.072

60, 32.853,
248.580

72, 14.614,
239.472

58, 36.345,
252.249

75, 9.129, 238.199

55, 39.488,
256.572

78, 3.387, 237.248

82, 2.559, 56.078

53, 42.425,
261.479

85, 8.658, 55.530

52, 43.706,
263.595

88, 14.867, 54.999

91, 17.402, 63.345

92, 18.396, 76.399

Harmonies

Complementary

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



66, 24.570, 243.070



63, 32.071, 53.299

Rectangle

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



66, 24.570, 243.070



66, 24.570, 293.070



66, 24.570, 63.070



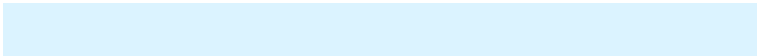
66, 24.570, 113.070

Sweetspot

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



66, 24.569, 243.068



94, 9.970, 238.031



73, 46.290, 151.422



50, 6.853, 238.275



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 24.569, 243.068



79, 34.913, 245.565



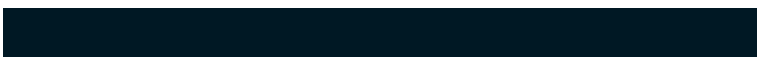
54, 43.797, 289.506



40, 3.331, 237.548



43, 37.386, 262.779



7, 11.744, 251.443

Inverse Universe

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



58, 46.742, 339.694



68, 67.299, 340.754



74, 40.631, 97.107



39, 5.812, 336.605



36, 64.617, 347.743



4, 19.888, 343.090

Previews

White Background



This preview shows how the CIELCh color 66, 24.570, 243.070 looks on a white background.

Color Contrast Check

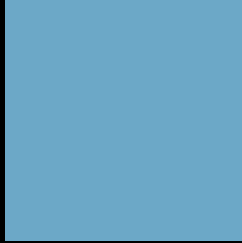
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 24.570, 243.070 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

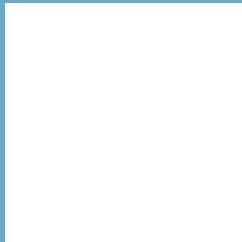
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 24.570, 243.070

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.570, 243.070.



This preview shows how white text looks on a background with the CIELCh color 66, 24.570, 243.070.

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](#).

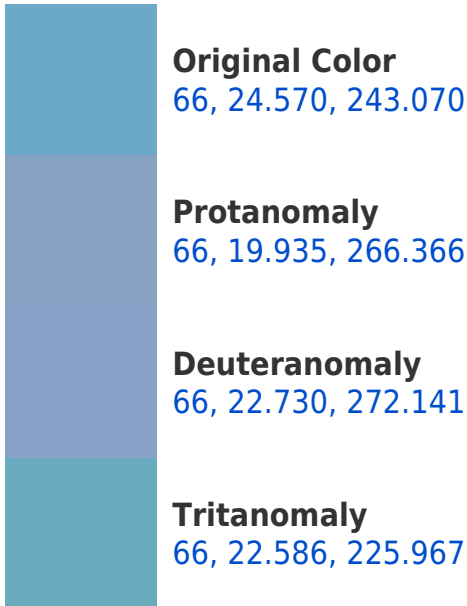
Dichromacy



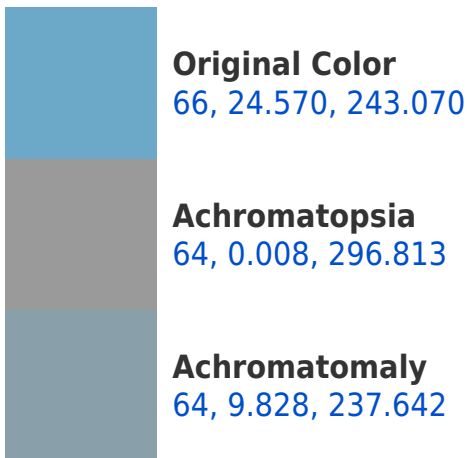


Tritanopia
66, 22.264, 216.824

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.570, 243.070 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(108, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(108, 168, 199)  
}
```

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(108, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 168, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.570, 243.070 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(108, 168, 199) }
```

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

```
.border{ border-color:rgb(108, 168, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(108, 168,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.570, 243.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 168, 199) }
```

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

```
.background{ background-color: rgb(108,  
168, 199) }
```

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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