

Converting Colors

CIELCh(66, 24.471, 216.294)

Have a look what the booklet for
CIELCh(66, 24.471, 216.294)
contains.

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Color

CIELCh(66, 24.478, 216.273)

Conversions

Conversions Part 1

Format	Color
Hex	60ACBA
RGB	96, 172, 186
RGB Percent	38%, 67%, 73%
CMY	0.6253, 0.3272, 0.2723
CMYK	0.49, 0.08, 0.00, 0.27
HSL	189°, 39%, 55%
HSV	189°, 49%, 73%
XYZ	28.2587, 35.3238, 51.5330
YIQ	150.8720, -49.7900, -11.7580

Conversions

Conversions Part 2

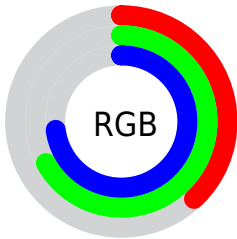
Format	Color
RYB	96, 137, 186
Decimal	6335674
CIELab	66.00, -19.73, -14.48
CIElCh	66, 24.478, 216.273
Yxy	35.3238, 0.2455, 0.3069
Android (android.graphics.Color)	4284525754 (0xFF60ACBA)
YUV	150.8720, 17.3181, -48.1227
Hunter-Lab	59.4338, -19.1389, -9.8045

Details

The CIELCh color **66, 24.478, 216.273** is a light color, and the websafe version is hex **669999**. A complement of this color would be **54, 35.399, 35.961**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 24.520, 215.506**, and **46, 24.619, 215.567** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.882, 217.292**, and if you desaturate by 10%, it is **68, 20.399, 215.537**.

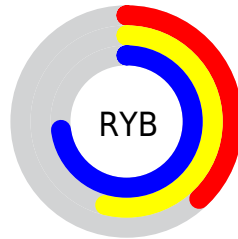
Distribution



Red (38%)

Green (67%)

Blue (73%)



Red (38%)

Yellow (54%)

Blue (73%)

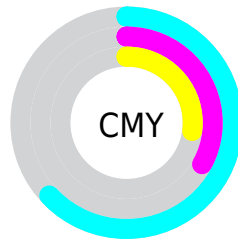


Cyan (49%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (63%)

Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 24.478, 216.273 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, 24.478, 216.273 by changing the saturation by 10% instead.


 66, 24.478,
216.273


 66, 24.478,
216.273


 100, 24.478,
216.273


 56, 24.478,
216.273


 86, 24.478,
216.273

 46, 24.478,
216.273

 96, 24.478,
216.273

 36, 24.478,
216.273

 26, 24.478,
216.273

 16, 24.478,
216.273

 6, 24.478, 216.273

 0, 24.478, 216.273

66, 24.478,
216.273

66, 24.478,
216.273

64, 27.882,
217.292

68, 20.399,
215.537

63, 30.549,
218.660

70, 15.731,
215.037

62, 32.456,
220.442

71, 10.566,
214.730

61, 33.632,
222.702

74, 4.995, 214.608

60, 34.222,
225.436

76, 0.895, 33.858

78, 7.029, 34.392

59, 34.299,
225.855

80, 13.344, 34.521

83, 19.787, 34.677

84, 23.381, 36.425

Harmonies

Complementary

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



66, 24.478, 216.273



54, 35.399, 35.961

Rectangle

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



66, 24.478, 216.273



66, 24.478, 266.273



66, 24.478, 36.273



66, 24.478, 86.273

Sweetspot

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



66, 24.478, 216.271



92, 10.738, 214.668



68, 53.117, 144.707



49, 7.340, 214.706



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 24.478, 216.271



82, 34.227, 217.347



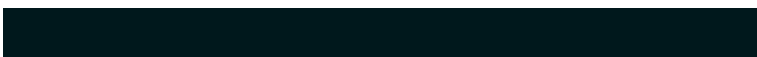
53, 34.615, 278.517



38, 3.291, 214.609



50, 30.116, 225.404



7, 8.702, 221.844

Inverse Universe

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



54, 52.732, 332.022



65, 76.151, 332.696



65, 35.190, 83.370



36, 6.206, 329.548



35, 70.861, 335.453



3, 16.068, 331.631

Previews

White Background



This preview shows how the CIE LCh color 66, 24.478, 216.273 looks on a white background.

Color Contrast Check

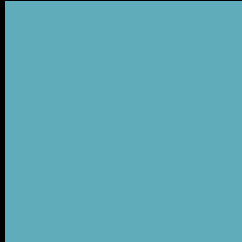
Large Text (above 18pt) WCAG AA × Fail

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, 24.478, 216.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

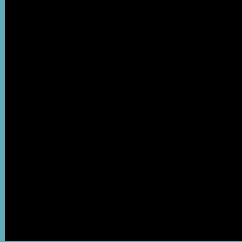
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 24.478, 216.273

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.478, 216.273.



This preview shows how white text looks on a background with the CIELCh color 66, 24.478, 216.273.

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

66, 24.478, 216.273

Protanopia

66, 10.552, 289.318

Deuteranopia

66, 18.456, 297.555



Tritanopia
66, 24.407, 214.932

Trichromacy



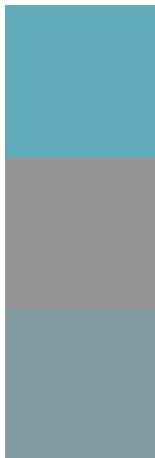
Original Color
66, 24.478, 216.273

Protanomaly
65, 13.299, 244.265

Deuteranomaly
66, 16.476, 260.607

Tritanomaly
66, 24.407, 214.932

Monochromacy



Original Color
66, 24.478, 216.273

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 10.377, 214.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.478, 216.273 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(96, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(96, 172, 186)  
}
```

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(96, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 172, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.478, 216.273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

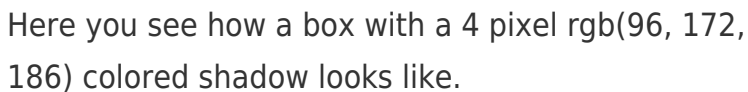
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 172, 186) }
```

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

```
.border{ border-color:rgb(96, 172, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 172, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 172, 186);  
box-shadow:4px 4px 4px 4px rgb(96, 172,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.478, 216.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 172, 186) }
```

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

```
.background{ background-color: rgb(96, 172,  
186) }
```

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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