

Converting Colors

CIELCh(66, 21.413, 197.635)

Have a look what the booklet for
CIELCh(66, 21.413, 197.635)
contains.

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Color

CIELCh(66, 21.413, 197.638)

Conversions

Conversions Part 1

Format	Color
Hex	6BABAB
RGB	107, 171, 171
RGB Percent	42%, 67%, 67%
CMY	0.5793, 0.3283, 0.3283
CMYK	0.37, 0.00, 0.00, 0.33
HSL	180°, 28%, 55%
HSV	180°, 37%, 67%
XYZ	28.0883, 35.3238, 44.0036
YIQ	151.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

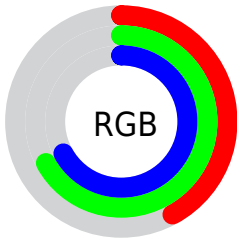
Format	Color
RYB	107, 139, 171
Decimal	7056299
CIELab	66.00, -20.41, -6.49
CIElCh	66, 21.413, 197.638
Yxy	35.3238, 0.2615, 0.3289
Android (android.graphics.Color)	4285246379 (0xFF6BABAB)
YUV	151.8640, 9.4340, -39.3457
Hunter-Lab	59.4338, -19.6506, -2.2934

Details

The CIELCh color **66, 21.413, 197.638** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 27.718, 22.820**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.693, 196.556**, and **46, 21.507, 197.104** is the 20% darker color. If you saturate the color by 10%, you get **65, 25.880, 197.272**, and if you desaturate by 10%, it is **67, 16.323, 198.058**.

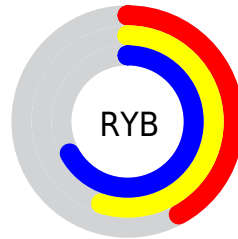
Distribution



Red (42%)

Green (67%)

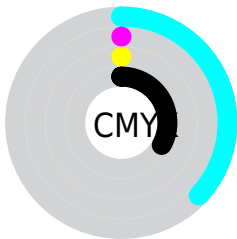
Blue (67%)



Red (42%)

Yellow (55%)

Blue (67%)

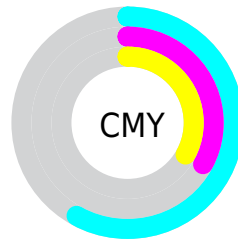


Cyan (37%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (58%)


Magenta (33%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.413, 197.638 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, 21.413, 197.638 by changing the saturation by 10% instead.

 66, 21.413,
197.638

 66, 21.413,
197.638


 100, 21.413,
197.638


 56, 21.413,
197.638


 86, 21.413,
197.638

 46, 21.413,
197.638

 96, 21.413,
197.638

 36, 21.413,
197.638

 26, 21.413,
197.638

 16, 21.413,
197.638

 6, 21.413, 197.638

 0, 21.413, 197.638

66, 21.413,
197.638

66, 21.413,
197.638

65, 25.880,
197.272

67, 16.323,
198.058

65, 29.639,
196.971

68, 10.707,
198.540

64, 32.631,
196.735

69, 4.666, 199.109

64, 34.832,
196.563

70, 1.704, 19.260

72, 8.313, 20.062

64, 36.262,
196.452

73, 15.087, 20.683

64, 37.029,
196.392

75, 21.961, 21.301

77, 28.885, 21.922

63, 37.193,
196.379

78, 33.219, 22.311

Harmonies

Complementary

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



66, 21.413, 197.638



52, 27.718, 22.820

Rectangle

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



66, 21.413, 197.638



66, 21.413, 247.638



66, 21.413, 17.638



66, 21.413, 67.638

Sweetspot

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



66, 21.413, 197.635



87, 8.514, 198.874



65, 42.799, 141.345



46, 5.747, 198.800



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 21.413, 197.635



83, 30.590, 197.325



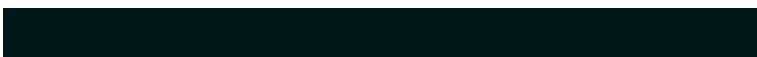
57, 20.326, 259.693



36, 3.603, 198.985



56, 33.809, 196.379



6, 7.801, 199.416

Inverse Universe

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



52, 27.718, 22.820



62, 42.339, 24.182



60, 22.813, 69.109



34, 3.818, 19.906



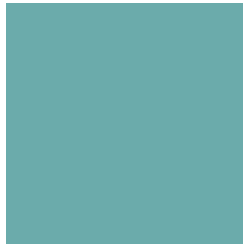
31, 69.981, 39.445



2, 7.802, 19.402

Previews

White Background



This preview shows how the CIELCh color 66, 21.413, 197.638 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 66, 21.413, 197.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

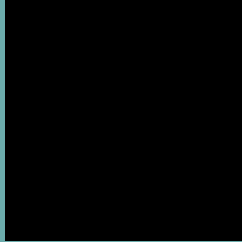
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.413, 197.638

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.413, 197.638.

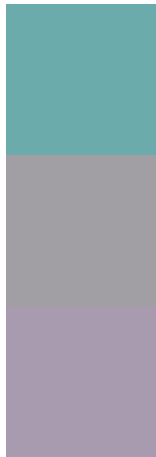


This preview shows how white text looks on a background with the CIELCh color 66, 21.413, 197.638.

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, 21.413, 197.638

Protanopia

66, 2.890, 305.622

Deuteranopia

66, 12.167, 314.588



Tritanopia
66, 20.380, 220.545

Trichromacy



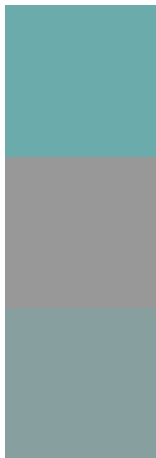
Original Color
66, 21.413, 197.638

Protanomaly
65, 8.241, 214.481

Deuteranomaly
65, 8.892, 253.602

Tritanomaly
66, 20.440, 212.085

Monochromacy



Original Color
66, 21.413, 197.638

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.465, 198.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.413, 197.638 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(107, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(107, 171, 171)  
}
```

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(107, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.413, 197.638 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(107, 171, 171) }
```

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

```
.border{ border-color:rgb(107, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(107, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.413, 197.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 171, 171) }
```

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

```
.background{ background-color: rgb(107,  
171, 171) }
```

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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