

Converting Colors

CIELCh(66, 22.134, 252.488)

Have a look what the booklet for
CIELCh(66, 22.134, 252.488)
contains.

CIELCh(66, 22.117, 252.415)	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, 22.117, 252.415)

Conversions

Conversions Part 1

Format	Color
Hex	7AA6C6
RGB	122, 166, 198
RGB Percent	48%, 65%, 78%
CMY	0.5229, 0.3503, 0.2249
CMYK	0.38, 0.16, 0.00, 0.22
HSL	205°, 40%, 63%
HSV	205°, 38%, 78%
XYZ	31.7058, 35.3238, 58.3622
YIQ	156.4920, -36.4960, 0.6240

Conversions

Conversions Part 2

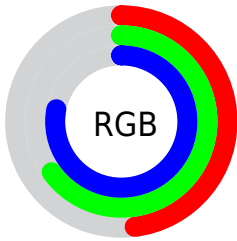
Format	Color
R _Y B	122, 150, 198
Decimal	8038086
CIE Lab	66.00, -6.68, -21.08
CIE LCh	66, 22.117, 252.415
Yxy	35.3238, 0.2529, 0.2817
Android (android.graphics.Color)	4286228166 (0xFF7AA6C6)
YUV	156.4920, 20.4634, -30.2495
Hunter-Lab	59.4338, -8.7859, -16.6173

Details

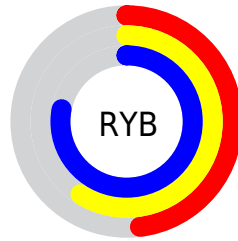
The CIELCh color `66, 22.117, 252.415` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `67, 26.077, 62.346`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 22.171, 252.774`, and `46, 22.132, 252.678` is the 20% darker color. If you saturate the color by 10%, you get `63, 27.334, 254.830`, and if you desaturate by 10%, it is `69, 16.644, 250.419`.

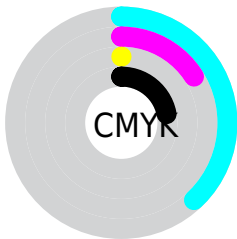
Distribution



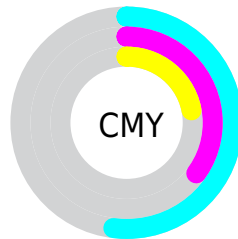
- Red (48%)
- Green (65%)
- Blue (78%)



- Red (48%)
- Yellow (59%)
- Blue (78%)



- Cyan (38%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)





- Cyan (52%)
- Magenta (35%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 22.117, 252.415 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, 22.117, 252.415 by changing the saturation by 10% instead.


 66, 22.117,
252.415


 66, 22.117,
252.415


 100, 22.117,
252.415


 56, 22.117,
252.415


 86, 22.117,
252.415


 46, 22.117,
252.415


 96, 22.117,
252.415

 36, 22.117,
252.415

 26, 22.117,
252.415

 16, 22.117,
252.415

 6, 22.117, 252.415

 0, 22.117, 252.415

66, 22.117,
252.415

66, 22.117,
252.415

63, 27.334,
254.830

69, 16.644,
250.419

59, 32.280,
257.742

73, 10.950,
248.782

56, 36.965,
261.205

77, 5.077, 247.461

53, 41.444,
265.242

80, 0.937, 65.788

84, 7.052, 65.231

50, 45.818,
269.800

88, 13.238, 64.459

48, 50.241,
274.667

91, 18.101, 68.054

93, 19.805, 82.731

47, 50.953,
275.392

95, 22.575, 94.346

Harmonies

Complementary

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



66, 22.117, 252.415



67, 26.077, 62.346

Rectangle

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



66, 22.117, 252.415



66, 22.117, 302.415



66, 22.117, 72.415



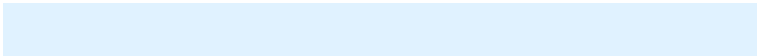
66, 22.117, 122.415

Sweetspot

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



66, 22.116, 252.413



95, 8.831, 247.916



74, 36.499, 155.859



50, 5.848, 248.089



0, 0.000, 0.000



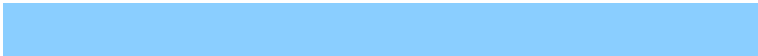
53, 0.007, 296.813

Same Dimension

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



66, 22.116, 252.413



80, 32.031, 254.374



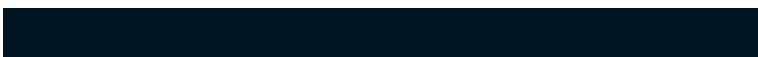
56, 39.907, 291.942



40, 3.423, 247.570



39, 43.680, 274.638



6, 12.785, 262.328

Inverse Universe

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



60, 37.429, 343.008



72, 54.627, 343.945



77, 36.808, 102.588



39, 5.491, 340.305



35, 62.135, 354.382



4, 18.745, 348.098

Previews

White Background



This preview shows how the CIELCh color 66, 22.117, 252.415 looks on a white background.

Color Contrast Check

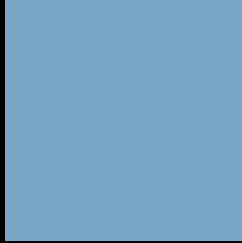
Large Text (above 18pt) WCAG AA × Fail

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, 22.117, 252.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

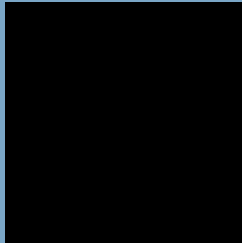
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

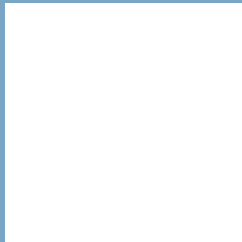
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 22.117, 252.415

Background



This preview shows how black text looks on a background with the CIELCh color 66, 22.117, 252.415.

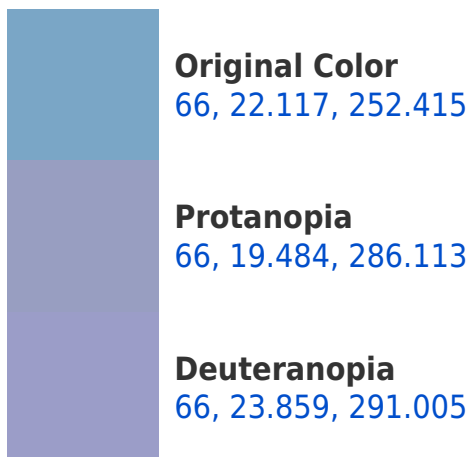



This preview shows how white text looks on a background with the CIELCh color 66, 22.117, 252.415.

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, 18.059, 223.820

Trichromacy



Original Color
66, 22.117, 252.415

Protanomaly
66, 19.788, 272.294

Deuteranomaly
66, 22.167, 277.621

Tritanomaly
66, 19.143, 236.105

Monochromacy



Original Color
66, 22.117, 252.415

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 8.300, 246.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 22.117, 252.415 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(122, 166, 198)` looks like.

```
.text, #text, p{  
    color:rgb(122, 166, 198)  
}
```

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(122, 166, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 166, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 22.117, 252.415 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(122, 166, 198) }
```

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

```
.border{ border-color:rgb(122, 166, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 166, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 166, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 166, 198);  
box-shadow:4px 4px 4px 4px rgb(122, 166,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 22.117, 252.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 166, 198) }
```

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

```
.background{ background-color: rgb(122,  
166, 198) }
```

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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