

Converting Colors

CIELCh(66, 19.748, 253.176)

Have a look what the booklet for
CIELCh(66, 19.748, 253.176)
contains.

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Color

CIELCh(66, 19.895, 253.080)

Conversions

Conversions Part 1

Format	Color
Hex	7FA5C2
RGB	127, 165, 194
RGB Percent	50%, 65%, 76%
CMY	0.5019, 0.3529, 0.2392
CMYK	0.35, 0.15, 0.00, 0.24
HSL	206°, 35%, 63%
HSV	206°, 35%, 76%
XYZ	31.9511, 35.3238, 56.1810
YIQ	156.9440, -31.9570, 0.9630

Conversions

Conversions Part 2

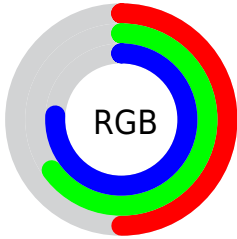
Format	Color
RYB	127, 151, 194
Decimal	8365506
CIELab	66.00, -5.79, -19.03
CIElCh	66, 19.895, 253.080
Yxy	35.3238, 0.2588, 0.2861
Android (android.graphics.Color)	4286555586 (0xFF7FA5C2)
YUV	156.9440, 18.2686, -26.2609
Hunter-Lab	59.4338, -8.0493, -14.4414

Details

The CIELCh color `66, 19.895, 253.080` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `67, 22.843, 64.033`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 20.144, 253.107`, and `46, 19.802, 253.268` is the 20% darker color. If you saturate the color by 10%, you get `63, 25.228, 255.342`, and if you desaturate by 10%, it is `70, 14.341, 251.206`.

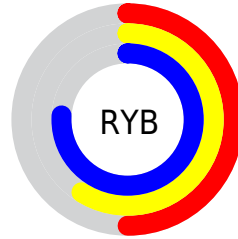
Distribution



Red (50%)

Green (65%)

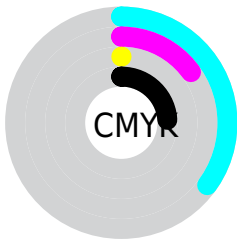
Blue (76%)



Red (50%)

Yellow (59%)

Blue (76%)

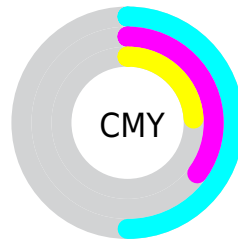


Cyan (35%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (50%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 19.895, 253.080 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, 19.895, 253.080 by changing the saturation by 10% instead.

■ 66, 19.895,
253.080

■ 66, 19.895,
253.080

■ 100, 19.895,
253.080

■ 56, 19.895,
253.080

■ 86, 19.895,
253.080

■ 46, 19.895,
253.080

■ 96, 19.895,
253.080

■ 36, 19.895,
253.080

■ 26, 19.895,
253.080

■ 16, 19.895,
253.080

■ 6, 19.895, 253.080

■ 0, 19.895, 253.080

66, 19.895,
253.080

66, 19.895,
253.080

63, 25.228,
255.342

70, 14.341,
251.206

59, 30.320,
258.069

73, 8.601, 249.667

77, 2.714, 248.476

56, 35.172,
261.320

80, 3.286, 67.116

53, 39.821,
265.130

84, 9.364, 66.285

50, 44.350,
269.473

88, 15.492, 65.529

91, 19.586, 71.189

47, 48.881,
274.236

93, 21.508, 84.609

46, 51.436,
276.822

95, 24.394, 95.247

Harmonies

Complementary

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



66, 19.895, 253.080



67, 22.843, 64.033

Rectangle

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



66, 19.895, 253.080



66, 19.895, 303.080



66, 19.895, 73.080



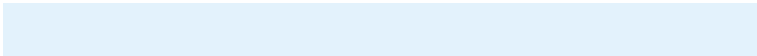
66, 19.895, 123.080

Sweetspot

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



66, 19.894, 253.078



95, 7.365, 249.092



73, 32.409, 156.312



50, 5.058, 249.274



0, 0.000, 0.000



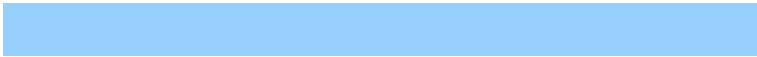
53, 0.007, 296.813

Same Dimension

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



66, 19.894, 253.078



81, 28.908, 254.645



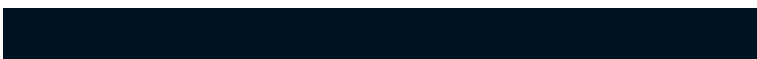
57, 35.032, 291.232



39, 3.372, 248.995



38, 44.178, 276.076



5, 11.925, 263.026

Inverse Universe

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



61, 32.923, 343.216



74, 48.226, 343.995



76, 32.649, 103.004



38, 5.330, 340.886



35, 61.153, 355.376



3, 16.490, 348.266

Previews

White Background



This preview shows how the CIE LCh color 66, 19.895, 253.080 looks on a white background.

Color Contrast Check

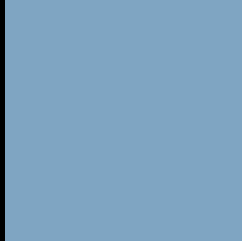
Large Text (above 18pt) WCAG AA × Fail

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, 19.895, 253.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

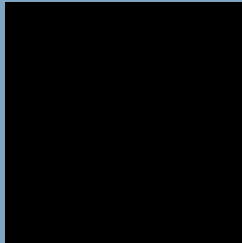
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

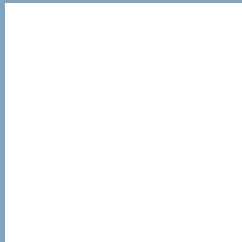
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 19.895, 253.080

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.895, 253.080.

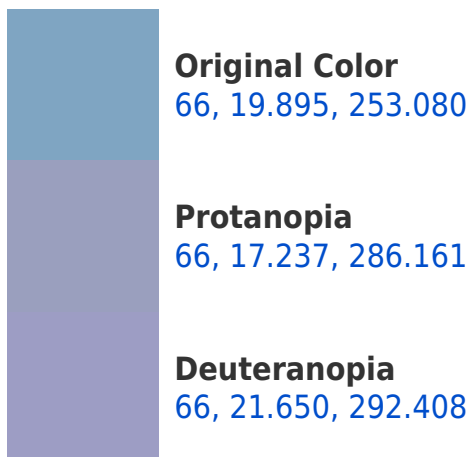


This preview shows how white text looks on a background with the CIELCh color 66, 19.895, 253.080.

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, 16.211, 227.149

Trichromacy



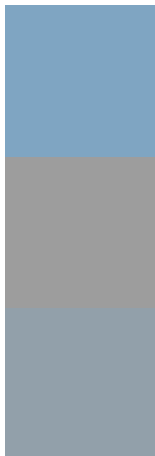
Original Color
66, 19.895, 253.080

Protanomaly
66, 17.437, 272.450

Deuteranomaly
66, 19.832, 278.352

Tritanomaly
66, 17.258, 238.774

Monochromacy



Original Color
66, 19.895, 253.080

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.439, 247.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.895, 253.080 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(127, 165, 194)` looks like.

```
.text, #text, p{  
    color:rgb(127, 165, 194)  
}
```

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(127, 165, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 165, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.895, 253.080 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(127, 165, 194) }
```

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

```
.border{ border-color:rgb(127, 165, 194) }
```

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

Here you see how a box with a 4 pixel rgb(127, 165, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 165, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 165, 194);  
box-shadow:4px 4px 4px 4px rgb(127, 165,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.895, 253.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 165, 194) }
```

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

```
.background{ background-color: rgb(127,  
165, 194) }
```

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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