

Converting Colors

CIELCh(66, 20.247, 251.706)

Have a look what the booklet for
CIELCh(66, 20.247, 251.706)
contains.

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Color

CIELCh(66, 20.247, 251.706)

Conversions

Conversions Part 1

Format	Color
Hex	7DA5C2
RGB	125, 165, 194
RGB Percent	49%, 65%, 76%
CMY	0.5085, 0.3516, 0.2379
CMYK	0.36, 0.15, 0.00, 0.24
HSL	205°, 36%, 63%
HSV	205°, 36%, 76%
XYZ	31.7955, 35.3238, 56.3808
YIQ	156.3460, -33.1490, 0.5390

Conversions

Conversions Part 2

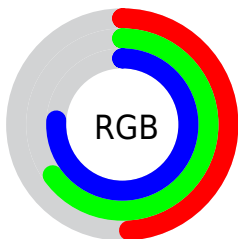
Format	Color
R _Y B	125, 150, 194
Decimal	8234434
CIE Lab	66.00, -6.36, -19.22
CIE LCh	66, 20.247, 251.706
Yxy	35.3238, 0.2575, 0.2860
Android (android.graphics.Color)	4286424514 (0xFF7DA5C2)
YUV	156.3460, 18.5634, -27.4904
Hunter-Lab	59.4338, -8.5166, -14.6406

Details

The CIELCh color **66, 20.247, 251.706** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **67, 23.538, 62.584**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.321, 252.417**, and **46, 20.127, 251.971** is the 20% darker color. If you saturate the color by 10%, you get **63, 25.466, 253.983**, and if you desaturate by 10%, it is **69, 14.783, 249.826**.

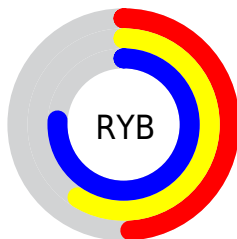
Distribution



Red (49%)

Green (65%)

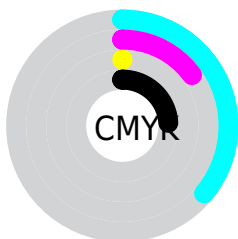
Blue (76%)



Red (49%)

Yellow (59%)

Blue (76%)

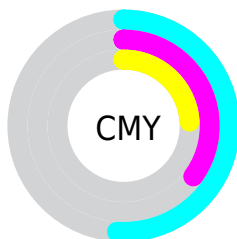


Cyan (36%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (51%)


Magenta (35%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 20.247, 251.706 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, 20.247, 251.706 by changing the saturation by 10% instead.


 66, 20.247,
251.706


 66, 20.247,
251.706


 100, 20.247,
251.706


 56, 20.247,
251.706


 86, 20.247,
251.706

 46, 20.247,
251.706

 96, 20.247,
251.706

 36, 20.247,
251.706

 26, 20.247,
251.706

 16, 20.247,
251.706

 6, 20.247, 251.706

 0, 20.247, 251.706

66, 20.247,
251.706

66, 20.247,
251.706

63, 25.466,
253.983

69, 14.783,
249.826

59, 30.419,
256.735

73, 9.114, 248.287

77, 3.278, 247.079

56, 35.107,
260.024

80, 2.685, 65.720

53, 39.570,
263.884

84, 8.740, 64.928

50, 43.892,
268.291

88, 14.855, 64.187

91, 19.267, 68.633

48, 48.204,
273.122

93, 20.929, 82.216

47, 50.205,
275.255

95, 23.574, 93.186

Harmonies

Complementary

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



66, 20.247, 251.706



67, 23.538, 62.584

Rectangle

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



66, 20.247, 251.706



66, 20.247, 301.706



66, 20.247, 71.706



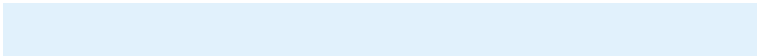
66, 20.247, 121.706

Sweetspot

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



66, 20.246, 251.704



94, 8.037, 247.715



73, 33.344, 156.202



50, 5.435, 247.891



0, 0.000, 0.000



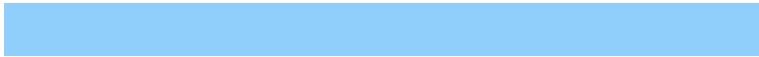
53, 0.007, 296.813

Same Dimension

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



66, 20.246, 251.704



80, 29.864, 253.532



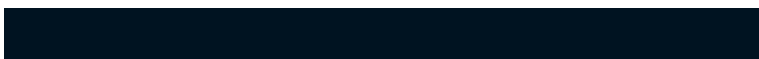
57, 36.142, 291.404



39, 3.349, 247.496



39, 43.079, 274.493



5, 11.767, 261.664

Inverse Universe

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



61, 34.158, 342.663



73, 50.863, 343.552



76, 33.599, 102.901



38, 5.377, 340.273



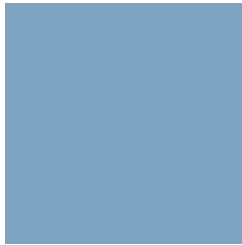
35, 61.446, 354.284



3, 16.629, 347.506

Previews

White Background



This preview shows how the CIELCh color 66, 20.247, 251.706 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, 20.247, 251.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

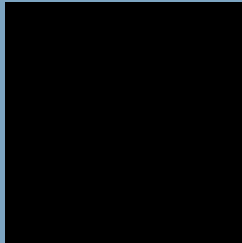
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

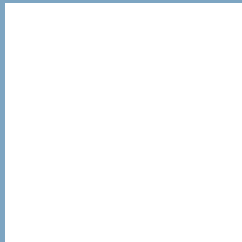
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 20.247, 251.706

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.247, 251.706.



This preview shows how white text looks on a background with the CIELCh color 66, 20.247, 251.706.

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, 20.247, 251.706

Protanopia

66, 17.784, 287.532

Deuteranopia

66, 21.650, 292.408



Tritanopia
66, 16.821, 223.792

Trichromacy



Original Color
66, 20.247, 251.706

Protanomaly
66, 17.954, 273.143

Deuteranomaly
66, 19.903, 277.426

Tritanomaly
66, 17.664, 235.271

Monochromacy



Original Color
66, 20.247, 251.706

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.068, 248.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.247, 251.706 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(125, 165, 194)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 165, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 165, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.247, 251.706 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(125, 165, 194) }
```

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

```
.border{ border-color:rgb(125, 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(125, 165, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 165, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 165, 194);  
box-shadow:4px 4px 4px 4px rgb(125, 165,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.247, 251.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 165, 194) }
```

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

```
.background{ background-color: rgb(125,  
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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