

Converting Colors

CIELCh(67, 26.096, 251.961)

Have a look what the booklet for
CIELCh(67, 26.096, 251.961)
contains.

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Color

CIELCh(67, 26.207, 252.341)

Conversions

Conversions Part 1

Format	Color
Hex	72A9CF
RGB	114, 169, 207
RGB Percent	45%, 66%, 81%
CMY	0.5515, 0.3359, 0.1868
CMYK	0.45, 0.18, 0.00, 0.19
HSL	205°, 49%, 63%
HSV	205°, 45%, 81%
XYZ	32.5477, 36.6320, 64.6225
YIQ	156.8870, -44.9780, 0.1580

Conversions

Conversions Part 2

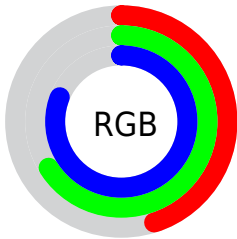
Format	Color
RYB	114, 149, 207
Decimal	7514575
CIELab	67.00, -7.95, -24.97
CIELCh	67, 26.207, 252.341
Yxy	36.6320, 0.2433, 0.2738
Android (android.graphics.Color)	4285704655 (0xFF72A9CF)
YUV	156.8870, 24.7057, -37.6119
Hunter-Lab	60.5244, -9.9271, -20.9375

Details

The CIELCh color **67, 26.207, 252.341** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **67, 32.249, 60.418**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 22.929, 244.036**, and **47, 26.426, 252.719** is the 20% darker color. If you saturate the color by 10%, you get **64, 31.327, 255.053**, and if you desaturate by 10%, it is **70, 20.781, 250.103**.

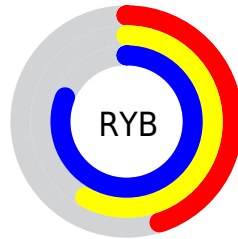
Distribution



Red (45%)

Green (66%)

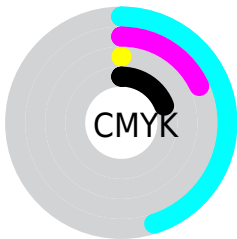
Blue (81%)



Red (45%)

Yellow (58%)

Blue (81%)

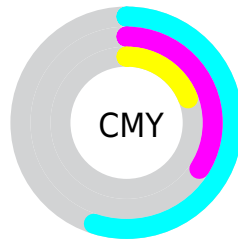


Cyan (45%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (55%)


Magenta (34%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.207, 252.341 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 67, 26.207, 252.341 by changing the saturation by 10% instead.


 67, 26.207,
252.341


 67, 26.207,
252.341


 100, 26.207,
252.341


 57, 26.207,
252.341


 87, 26.207,
252.341

 47, 26.207,
252.341

 97, 26.207,
252.341

 37, 26.207,
252.341

 27, 26.207,
252.341

 17, 26.207,
252.341

 7, 26.207, 252.341

 0, 26.207, 252.341

67, 26.207,
252.341

67, 26.207,
252.341

64, 31.327,
255.053

70, 20.781,
250.103

60, 36.139,
258.311

74, 15.081,
248.268

57, 40.681,
262.156

78, 9.148, 246.772

54, 45.041,
266.572

81, 3.028, 245.620

85, 3.236, 64.295

52, 49.357,
271.446

89, 9.603, 63.521

50, 51.646,
273.959

92, 14.814, 67.357

95, 16.671, 85.259

97, 19.777, 98.439

Harmonies

Complementary

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



67, 26.207, 252.341



67, 32.249, 60.418

Rectangle

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



67, 26.207, 252.341



67, 26.207, 302.341



67, 26.207, 72.341



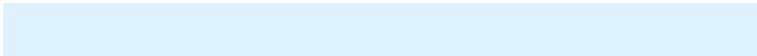
67, 26.207, 122.341

Sweetspot

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



67, 26.206, 252.340



94, 9.494, 246.549



76, 44.532, 154.313



49, 6.623, 246.845



0, 0.000, 0.000



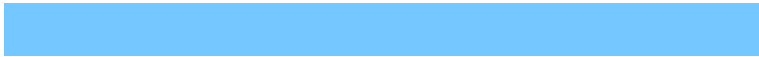
53, 0.007, 296.813

Same Dimension

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



67, 26.206, 252.340



77, 36.494, 254.993



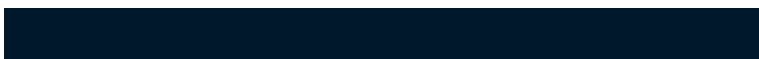
55, 48.095, 292.493



42, 3.545, 246.091



41, 43.683, 273.158



7, 14.305, 261.658

Inverse Universe

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



60, 45.470, 343.084



68, 63.585, 344.288



79, 43.737, 101.026



41, 5.772, 339.719



36, 63.855, 353.409



5, 22.915, 347.886

Previews

White Background



This preview shows how the CIELCh color 67, 26.207, 252.341 looks on a white background.

Color Contrast Check

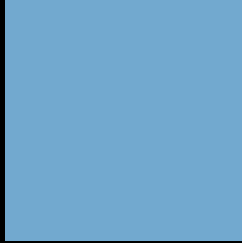
Large Text (above 18pt) WCAG AA × Fail

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 67, 26.207, 252.341 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

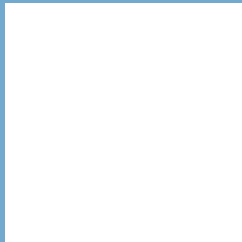
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 26.207, 252.341

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.207, 252.341.

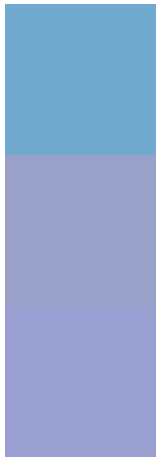


This preview shows how white text looks on a background with the CIELCh color 67, 26.207, 252.341.

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
67, 26.207, 252.341

Protanopia
67, 22.213, 285.455

Deuteranopia
67, 27.136, 288.049



Tritanopia
67, 21.873, 218.748

Trichromacy



Original Color
67, 26.207, 252.341

Protanomaly
67, 22.760, 271.309

Deuteranomaly
67, 25.765, 275.245

Tritanomaly
67, 22.505, 231.044

Monochromacy



Original Color
67, 26.207, 252.341

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 10.378, 247.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.207, 252.341 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(114, 169, 207)` looks like.

```
.text, #text, p{  
    color:rgb(114, 169, 207)  
}
```

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(114, 169, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 169, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.207, 252.341 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(114, 169, 207) }
```

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

```
.border{ border-color:rgb(114, 169, 207) }
```

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

Here you see how a box with a 4 pixel rgb(114, 169, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 169, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 169, 207);  
box-shadow:4px 4px 4px 4px rgb(114, 169,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.207, 252.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 169, 207) }
```

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

```
.background{ background-color: rgb(114,  
169, 207) }
```

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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