

Converting Colors

CIELCh(66, 34.064, 272.628)

Have a look what the booklet for
CIELCh(66, 34.064, 272.628)
contains.

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Color

CIELCh(66, 34.212, 273.179)

Conversions

Conversions Part 1

Format	Color
Hex	7AA2DD
RGB	122, 162, 221
RGB Percent	48%, 64%, 87%
CMY	0.5205, 0.3637, 0.1323
CMYK	0.45, 0.27, 0.00, 0.13
HSL	216°, 59%, 67%
HSV	216°, 45%, 87%
XYZ	34.1178, 35.3238, 73.6188
YIQ	156.7660, -42.7790, 9.8690

Conversions

Conversions Part 2

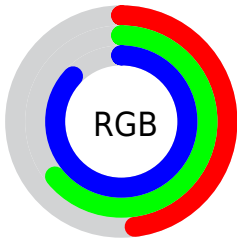
Format	Color
RYB	122, 150, 221
Decimal	8037085
CIELab	66.00, 1.90, -34.16
CIElCh	66, 34.212, 273.179
Yxy	35.3238, 0.2385, 0.2469
Android (android.graphics.Color)	4286227165 (0xFF7AA2DD)
YUV	156.7660, 31.6674, -30.4898
Hunter-Lab	59.4338, -1.5419, -31.8369

Details

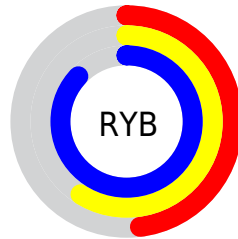
The CIELCh color **66, 34.212, 273.179** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **76, 36.083, 79.078**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 23.059, 259.508**, and **46, 34.236, 272.966** is the 20% darker color. If you saturate the color by 10%, you get **61, 41.979, 275.922**, and if you desaturate by 10%, it is **71, 26.498, 270.833**.

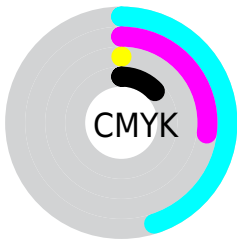
Distribution



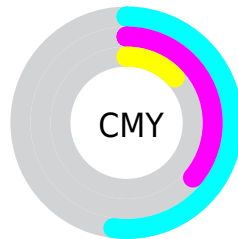
- Red (48%)
- Green (64%)
- Blue (87%)



- Red (48%)
- Yellow (59%)
- Blue (87%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)





- Cyan (52%)
- Magenta (36%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 34.212, 273.179 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, 34.212, 273.179 by changing the saturation by 10% instead.


 66, 34.212,
273.179


 66, 34.212,
273.179


 100, 34.212,
273.179


 56, 34.212,
273.179


 86, 34.212,
273.179

 46, 34.212,
273.179


 96, 34.212,
273.179

 36, 34.212,
273.179

 26, 34.212,
273.179

 16, 34.212,
273.179

 6, 34.212, 273.179

 0, 34.212, 273.179

66, 34.212,
273.179

66, 34.212,
273.179

61, 41.979,
275.922

71, 26.498,
270.833

57, 49.838,
279.086

76, 18.824,
268.839

52, 57.843,
282.657

81, 11.186,
267.151

48, 66.048,
286.550

86, 3.592, 265.760

91, 3.950, 84.350

44, 74.459,
290.594

96, 11.420, 83.397

42, 78.950,
292.636

99, 16.855,
108.394

99, 17.056,
108.888

Harmonies

Complementary

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



66, 34.212, 273.179



76, 36.083, 79.078

Rectangle

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



66, 34.212, 273.179



66, 34.212, 323.179



66, 34.212, 93.179



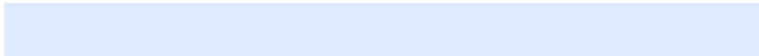
66, 34.212, 143.179

Sweetspot

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



66, 34.211, 273.179



93, 11.063, 266.901



81, 40.173, 163.673



48, 7.746, 267.242



0, 0.000, 0.000



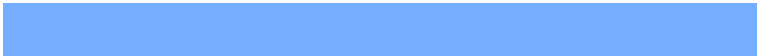
53, 0.007, 296.813

Same Dimension

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



66, 34.211, 273.179



70, 46.455, 275.830



56, 56.672, 298.754



43, 4.271, 266.368



33, 64.672, 291.946



6, 20.805, 281.539

Inverse Universe

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



63, 43.285, 354.399



67, 58.052, 356.144



86, 50.373, 109.739



43, 5.302, 349.979



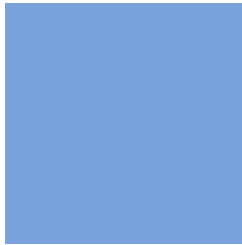
37, 63.445, 11.026



6, 24.318, 0.959

Previews

White Background



This preview shows how the CIE LCh color 66, 34.212, 273.179 looks on a white background.

Color Contrast Check

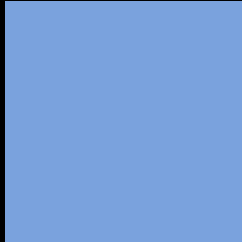
Large Text (above 18pt) WCAG AA × Fail

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, 34.212, 273.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

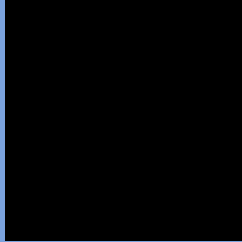
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

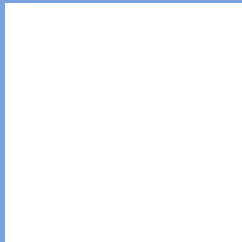
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 34.212, 273.179

Background



This preview shows how black text looks on a background with the CIELCh color 66, 34.212, 273.179.

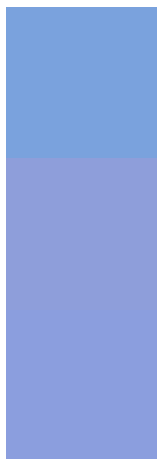


This preview shows how white text looks on a background with the CIELCh color 66, 34.212, 273.179.

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, 34.212, 273.179

Protanopia

66, 33.455, 284.950

Deuteranopia

66, 35.727, 284.377



Tritanopia
66, 20.126, 220.862

Trichromacy



Original Color
66, 34.212, 273.179

Protanomaly
66, 33.261, 280.118

Deuteranomaly
66, 34.957, 280.099

Tritanomaly
66, 22.780, 245.733

Monochromacy



Original Color
66, 34.212, 273.179

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.672, 266.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 34.212, 273.179 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, 162, 221)` looks like.

```
.text, #text, p{  
    color:rgb(122, 162, 221)  
}
```

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, 162, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 162, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 34.212, 273.179 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, 162, 221) }
```

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

```
.border{ border-color:rgb(122, 162, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 162, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 162, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 162, 221); box-shadow:4px 4px 4px 4px rgb(122, 162, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 34.212, 273.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 162, 221) }
```

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

```
.background{ background-color: rgb(122,  
162, 221) }
```

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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