

Converting Colors

CIELCh(66, 24.305, 278.326)

Have a look what the booklet for
CIELCh(66, 24.305, 278.326)
contains.

CIELCh(66, 24.356, 278.590)	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, 24.356, 278.590)

Conversions

Conversions Part 1

Format	Color
Hex	8EA0CB
RGB	142, 160, 203
RGB Percent	56%, 63%, 80%
CMY	0.4422, 0.3716, 0.2029
CMYK	0.30, 0.21, 0.00, 0.20
HSL	222°, 37%, 68%
HSV	222°, 30%, 80%
XYZ	34.6216, 35.3238, 61.6546
YIQ	159.5200, -24.5310, 9.5570

Conversions

Conversions Part 2

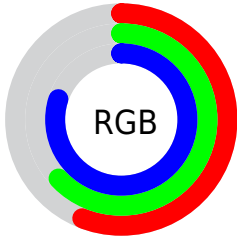
Format	Color
R _Y B	142, 156, 203
Decimal	9347275
CIE Lab	66.00, 3.64, -24.08
CIE LCh	66, 24.356, 278.590
Yxy	35.3238, 0.2631, 0.2684
Android (android.graphics.Color)	4287537355 (0xFF8EA0CB)
YUV	159.5200, 21.4356, -15.3650
Hunter-Lab	59.4338, -0.0287, -19.9017

Details

The CIELCh color **66, 24.356, 278.590** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76, 24.184, 90.296**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.629, 276.233**, and **46, 24.320, 278.387** is the 20% darker color. If you saturate the color by 10%, you get **61, 32.822, 280.620**, and if you desaturate by 10%, it is **71, 16.075, 276.852**.

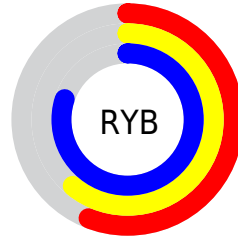
Distribution



Red (56%)

Green (63%)

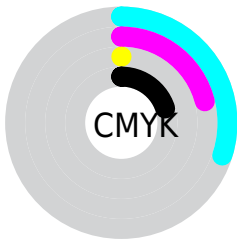
Blue (80%)



Red (56%)

Yellow (61%)

Blue (80%)

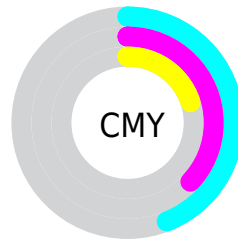


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (20%)



Cyan (44%)


Magenta (37%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 24.356, 278.590 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, 24.356, 278.590 by changing the saturation by 10% instead.


 66, 24.356,
278.590


 66, 24.356,
278.590


 100, 24.356,
278.590


 56, 24.356,
278.590


 86, 24.356,
278.590

 46, 24.356,
278.590

 96, 24.356,
278.590

 36, 24.356,
278.590

 26, 24.356,
278.590

 16, 24.356,
278.590

 6, 24.356, 278.590

 0, 24.356, 278.590

■ 66, 24.356,
278.590

■ 66, 24.356,
278.590

■ 61, 32.822,
280.620

■ 71, 16.075,
276.852

■ 56, 41.500,
282.985

■ 77, 7.967, 275.375

■ 82, 0.021, 284.324

■ 51, 50.421,
285.705

■ 87, 7.767, 92.934

■ 46, 59.612,
288.769

■ 92, 15.401, 91.987

■ 41, 69.058,
292.104

■ 97, 22.082, 99.864

■ 99, 26.106,
108.196

■ 37, 78.627,
295.554

■ 33, 87.982,
298.817

Harmonies

Complementary

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



66, 24.356, 278.590



76, 24.184, 90.296

Rectangle

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



66, 24.356, 278.590



66, 24.356, 328.590



66, 24.356, 98.590



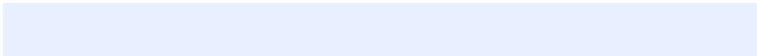
66, 24.356, 148.590

Sweetspot

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



66, 24.355, 278.589



94, 8.599, 275.255



77, 23.609, 173.010



49, 5.983, 275.454



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, 24.355, 278.589



77, 35.358, 279.865



62, 34.608, 300.478



40, 4.523, 275.292



27, 74.489, 298.320



4, 18.829, 283.662

Inverse Universe

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



66, 25.748, 359.619



77, 37.412, 0.580



80, 32.367, 115.944



40, 4.703, 357.136



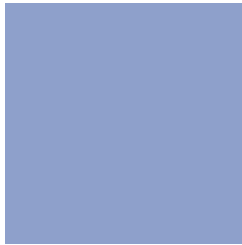
35, 63.495, 21.050



4, 18.530, 5.147

Previews

White Background



This preview shows how the CIELCh color 66, 24.356, 278.590 looks on a white background.

Color Contrast Check

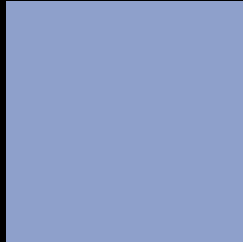
Large Text (above 18pt) WCAG AA × Fail

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, 24.356, 278.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

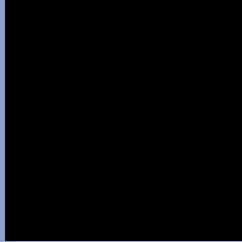
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

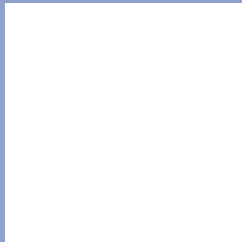
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 24.356, 278.590

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.356, 278.590.



This preview shows how white text looks on a background with the CIELCh color 66, 24.356, 278.590.

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, 24.356, 278.590

Protanopia

66, 24.508, 285.663

Deuteranopia

66, 26.080, 289.921



Tritanopia
66, 11.972, 235.921

Trichromacy



Original Color
66, 24.356, 278.590

Protanomaly
66, 24.051, 283.089

Deuteranomaly
66, 25.602, 286.112

Tritanomaly
66, 15.389, 259.258

Monochromacy



Original Color
66, 24.356, 278.590

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.089, 277.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.356, 278.590 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(142, 160, 203)` looks like.

```
.text, #text, p{  
    color:rgb(142, 160, 203)  
}
```

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(142, 160, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 160, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.356, 278.590 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(142, 160, 203) }
```

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

```
.border{ border-color:rgb(142, 160, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 160, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 160, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 160, 203);  
box-shadow:4px 4px 4px 4px rgb(142, 160,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.356, 278.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 160, 203) }
```

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

```
.background{ background-color: rgb(142,  
160, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor