

Converting Colors

CIELCh(66, 44.334, 288.912)

Have a look what the booklet for
CIELCh(66, 44.334, 288.912)
contains.

CIELCh(66, 44.360, 288.894)	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, 44.360, 288.894)

Conversions

Conversions Part 1	
Format	Color
Hex	8D9CEC
RGB	141, 156, 236
RGB Percent	55%, 61%, 93%
CMY	0.4485, 0.3896, 0.0760
CMYK	0.40, 0.34, 0.00, 0.08
HSL	231°, 71%, 74%
HSV	231°, 40%, 92%
XYZ	37.8363, 35.3238, 83.8894
YIQ	160.6350, -34.6200, 21.7000

Conversions

Conversions Part 2

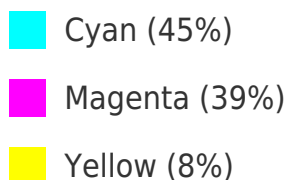
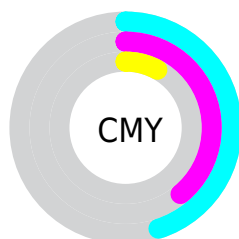
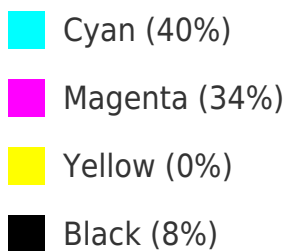
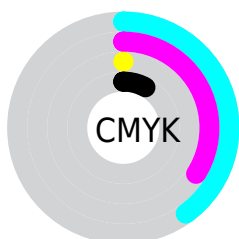
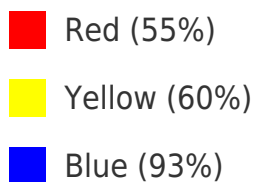
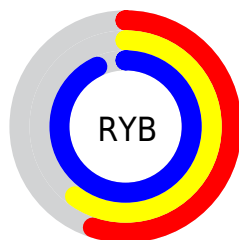
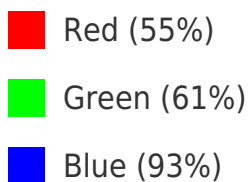
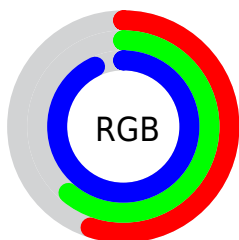
Format	Color
RYB	141, 154, 236
Decimal	9280748
CIELab	66.00, 14.36, -41.97
CIELCh	66, 44.360, 288.894
Yxy	35.3238, 0.2409, 0.2249
Android (android.graphics.Color)	4287470828 (0xFF8D9CEC)
YUV	160.6350, 37.1549, -17.2199
Hunter-Lab	59.4338, 9.6262, -42.0826

Details

The CIELCh color **66, 44.360, 288.894** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **88, 41.514, 98.209**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 23.915, 282.794**, and **46, 44.539, 289.060** is the 20% darker color. If you saturate the color by 10%, you get **59, 56.391, 291.080**, and if you desaturate by 10%, it is **73, 32.769, 287.010**.

Distribution



Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 44.360, 288.894 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, 44.360, 288.894 by changing the saturation by 10% instead.

 66, 44.360,
288.894

 66, 44.360,
288.894

 100, 44.360,
288.894


 56, 44.360,
288.894


 86, 44.360,
288.894

 46, 44.360,
288.894

 96, 44.360,
288.894

 36, 44.360,
288.894

 26, 44.360,
288.894

 16, 44.360,
288.894

 6, 44.360, 288.894

 0, 44.360, 288.894

■ 66, 44.360,
288.894

■ 66, 44.360,
288.894

■ 59, 56.391,
291.080

■ 73, 32.769,
287.010

■ 53, 68.866,
293.566

■ 80, 21.591,
285.400

■ 47, 81.686,
296.300

■ 86, 10.788,
284.031

■ 41, 94.506,
299.139

■ 93, 0.332, 283.301

■ 36, 106.530,
301.841

■ 99, 9.729, 109.092

■ 100, 9.811,
109.434

■ 33, 116.224,
304.003

Harmonies

Complementary

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



66, 44.360, 288.894



88, 41.514, 98.209

Rectangle

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



66, 44.360, 288.894



66, 44.360, 338.894



66, 44.360, 108.894



66, 44.360, 158.894

Sweetspot

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



66, 44.359, 288.894



91, 13.421, 284.253



87, 31.807, 182.110



48, 8.920, 284.425



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, 44.359, 288.894



65, 57.136, 290.594



65, 53.870, 305.792



46, 5.915, 283.925



24, 94.234, 303.642



4, 31.836, 294.590

Inverse Universe

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



69, 38.537, 11.488



70, 49.547, 13.072



89, 49.651, 120.822



46, 5.003, 7.291



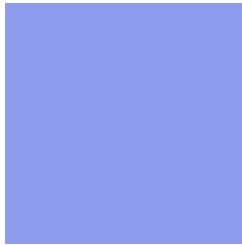
38, 73.824, 32.338



7, 27.994, 16.209

Previews

White Background



This preview shows how the CIELCh color 66, 44.360, 288.894 looks on a white background.

Color Contrast Check

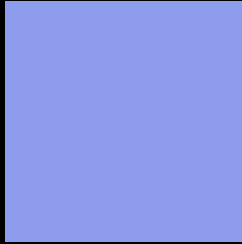
Large Text (above 18pt) WCAG AA × Fail

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, 44.360, 288.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

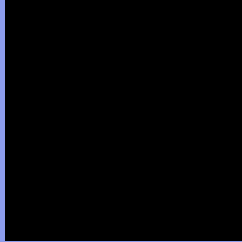
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 44.360, 288.894

Background



This preview shows how black text looks on a background with the CIELCh color 66, 44.360, 288.894.



This preview shows how white text looks on a background with the CIELCh color 66, 44.360, 288.894.

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, 44.360, 288.894

Protanopia

66, 44.557, 285.691

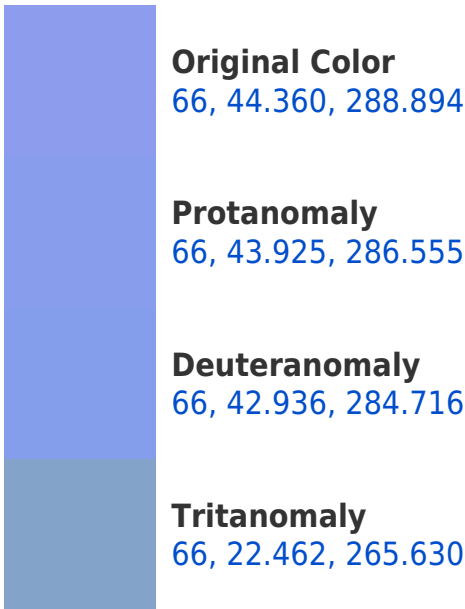
Deuteranopia

66, 42.600, 282.339



Tritanopia
66, 15.196, 226.891

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 44.360, 288.894 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(141, 156, 236)` looks like.

```
.text, #text, p{  
    color:rgb(141, 156, 236)  
}
```

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(141, 156, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 156, 236) }
```

Border

The CSS property to change the border of an element to CIElCh 66, 44.360, 288.894 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(141, 156, 236) }
```

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

```
.border{ border-color:rgb(141, 156, 236) }
```

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

Here you see how a box with a 4 pixel rgb(141, 156, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 156, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 156, 236);  
box-shadow:4px 4px 4px 4px rgb(141, 156,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 44.360, 288.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 156, 236) }
```

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

```
.background{ background-color: rgb(141,  
156, 236) }
```

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