

Converting Colors

CIELCh(44, 67.018, 287.471)

Have a look what the booklet for
CIELCh(44, 67.018, 287.471)
contains.

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Color

CIELCh(44, 67.029, 287.413)

Conversions

Conversions Part 1

Format	Color
Hex	0764D4
RGB	7, 100, 212
RGB Percent	3%, 39%, 83%
CMY	0.9715, 0.6090, 0.1700
CMYK	0.97, 0.53, 0.00, 0.17
HSL	213°, 93%, 43%
HSV	213°, 97%, 83%
XYZ	16.4567, 13.8382, 63.8527
YIQ	84.9610, -91.3800, 15.1160

Conversions

Conversions Part 2

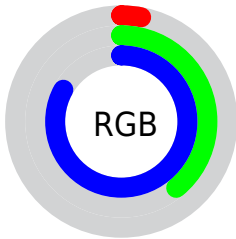
Format	Color
RYB	7, 71, 212
Decimal	484564
CIELab	44.00, 20.06, -63.96
CIELCh	44, 67.029, 287.413
Yxy	13.8382, 0.1748, 0.1470
Android (android.graphics.Color)	4278674644 (0xFF0764D4)
YUV	84.9610, 62.6302, -68.3718
Hunter-Lab	37.1997, 13.8668, -75.7304

Details

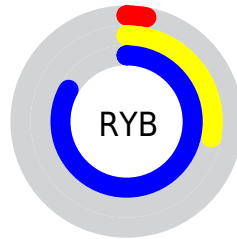
The CIELCh color **44, 67.029, 287.413** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **59, 71.485, 65.234**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 59.019, 284.867**, and **27, 64.785, 294.987** is the 20% darker color. If you saturate the color by 10%, you get **43, 69.570, 288.819**, and if you desaturate by 10%, it is **48, 59.808, 283.117**.

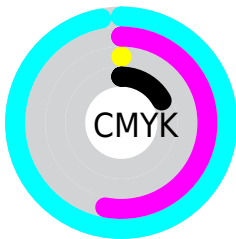
Distribution



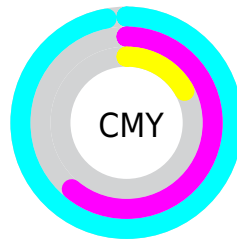
- Red (3%)
- Green (39%)
- Blue (83%)



- Red (3%)
- Yellow (28%)
- Blue (83%)



- Cyan (97%)
- Magenta (53%)
- Yellow (0%)
- Black (17%)




- Cyan (97%)
- Magenta (61%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 67.029, 287.413 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 44, 67.029, 287.413 by changing the saturation by 10% instead.


 44, 67.029,
287.413

 44, 67.029,
287.413


 100, 67.029,
287.413

 34, 67.029,
287.413

 64, 67.029,
287.413


 24, 67.029,
287.413

 74, 67.029,
287.413

 14, 67.029,
287.413

 84, 67.029,
287.413

 4, 67.029, 287.413

 94, 67.029,
287.413

 0, 67.029, 287.413

 44, 67.029,

 44, 67.029,

287.413

287.413

■ 43, 69.570,
288.819

■ 48, 59.808,
283.117

■ 51, 52.784,
278.994

■ 55, 45.896,
275.228

■ 60, 39.068,
271.903

■ 64, 32.242,
269.033

■ 68, 25.382,
266.588

■ 73, 18.480,
264.520

■ 77, 11.541,
262.777

Harmonies

Complementary

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



44, 67.029, 287.413



59, 71.485, 65.234

Rectangle

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



44, 67.029, 287.413



44, 67.029, 337.413



44, 67.029, 107.413



44, 67.029, 157.413

Sweetspot

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



44, 67.029, 287.415



85, 23.455, 265.054



75, 73.536, 151.417



43, 16.079, 265.943



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 67.029, 287.415



51, 80.975, 289.300



27, 114.487, 306.116



42, 3.918, 261.710



34, 57.688, 288.091



5, 17.244, 276.051

Inverse Universe

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



46, 72.775, 5.519



55, 84.438, 7.645



82, 83.621, 104.929



41, 5.254, 347.076



36, 61.846, 6.227



5, 21.377, 356.969

Previews

White Background



This preview shows how the CIE LCh color 44, 67.029, 287.413 looks on a white background.

Color Contrast Check

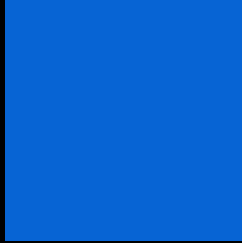
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 67.029, 287.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

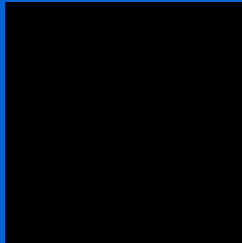
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 67.029, 287.413

Background



This preview shows how black text looks on a background with the CIELCh color 44, 67.029, 287.413.



This preview shows how white text looks on a background with the CIELCh color 44, 67.029, 287.413.

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

44, 67.041, 287.355

Protanopia

44, 67.012, 287.502

Deuteranopia

44, 47.875, 275.082



Tritanopia
44, 27.004, 205.648

Trichromacy



Original Color
44, 67.041, 287.355

Protanomaly
44, 67.024, 287.442

Deuteranomaly
44, 54.259, 280.259

Tritanomaly
43, 33.304, 254.985

Monochromacy



Original Color
44, 67.041, 287.355

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 26.628, 271.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 67.029, 287.413 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(7, 100, 212)` looks like.

```
.text, #text, p{  
    color:rgb(7, 100, 212)  
}
```

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(7, 100, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 100, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 67.029, 287.413 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(7, 100, 212) }
```

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

```
.border{ border-color:rgb(7, 100, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 100, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 100, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 100, 212);  
box-shadow:4px 4px 4px 4px rgb(7, 100,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 67.029, 287.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 100, 212) }
```

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

```
.background{ background-color: rgb(7, 100,  
212) }
```

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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