

Converting Colors

CIELCh(44, 67.873, 287.735)

Have a look what the booklet for
CIELCh(44, 67.873, 287.735)
contains.

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Color

CIELCh(44, 68.222, 287.942)

Conversions

Conversions Part 1

Format	Color
Hex	0863D5
RGB	8, 99, 213
RGB Percent	3%, 39%, 84%
CMY	0.9705, 0.6108, 0.1635
CMYK	0.96, 0.53, 0.00, 0.16
HSL	213°, 93%, 43%
HSV	213°, 96%, 84%
XYZ	16.6269, 13.8382, 64.9425
YIQ	84.7870, -90.8300, 16.1620

Conversions

Conversions Part 2

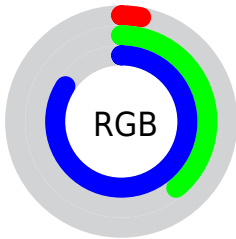
Format	Color
RYB	8, 71, 213
Decimal	549845
CIELab	44.00, 21.02, -64.90
CIELCh	44, 68.222, 287.942
Yxy	13.8382, 0.1743, 0.1450
Android (android.graphics.Color)	4278739925 (0xFF0863D5)
YUV	84.7870, 63.2090, -67.3422
Hunter-Lab	37.1997, 14.6833, -77.4674

Details

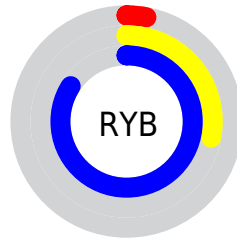
The CIELCh color **44, 68.222, 287.942** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **60, 71.765, 65.828**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 59.578, 285.312**, and **27, 66.053, 295.522** is the 20% darker color. If you saturate the color by 10%, you get **43, 70.894, 289.376**, and if you desaturate by 10%, it is **48, 60.828, 283.679**.

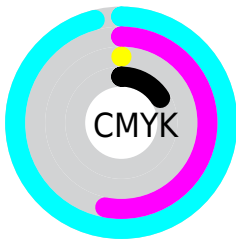
Distribution



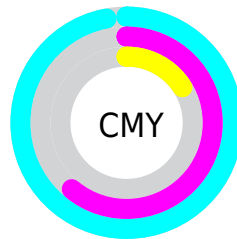
- Red (3%)
- Green (39%)
- Blue (84%)



- Red (3%)
- Yellow (28%)
- Blue (84%)



- Cyan (96%)
- Magenta (53%)
- Yellow (0%)
- Black (16%)



- Cyan (97%)
- Magenta (61%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 68.222, 287.942 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, 68.222, 287.942 by changing the saturation by 10% instead.


 44, 68.222,
287.942


 44, 68.222,
287.942


 100, 68.222,
287.942

 34, 68.222,
287.942

 64, 68.222,
287.942

 24, 68.222,
287.942

 74, 68.222,
287.942

 14, 68.222,
287.942

 84, 68.222,
287.942

 4, 68.222, 287.942

 94, 68.222,
287.942

 0, 68.222, 287.942

 44, 68.222,

 44, 68.222,

287.942

287.942

■ 43, 70.894,
289.376

■ 48, 60.828,
283.679

■ 51, 53.634,
279.582

■ 56, 46.587,
275.835

■ 60, 39.613,
272.524

■ 64, 32.653,
269.662

■ 69, 25.673,
267.223

■ 73, 18.660,
265.159

■ 78, 11.621,
263.417

Harmonies

Complementary

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



44, 68.222, 287.942



60, 71.765, 65.828

Rectangle

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



44, 68.222, 287.942



44, 68.222, 337.942



44, 68.222, 107.942



44, 68.222, 157.942

Sweetspot

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



44, 68.222, 287.944



85, 23.625, 265.708



76, 72.625, 152.349



43, 16.200, 266.596



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, 68.222, 287.944



51, 81.997, 289.830



27, 115.033, 306.167



43, 4.021, 262.366



34, 59.133, 288.687



6, 18.545, 277.554

Inverse Universe

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



46, 73.177, 6.116



55, 84.465, 8.292



82, 84.181, 105.934



42, 5.337, 347.459



36, 62.537, 6.917



5, 23.046, 357.830

Previews

White Background



This preview shows how the CIE LCh color 44, 68.222, 287.942 looks on a white background.

Color Contrast Check

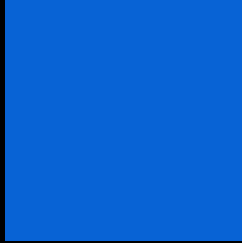
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.222, 287.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

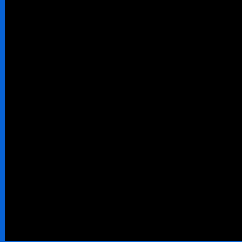
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

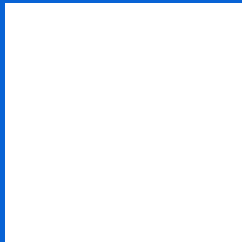
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 68.222, 287.942

Background



This preview shows how black text looks on a background with the CIELCh color 44, 68.222, 287.942.



This preview shows how white text looks on a background with the CIELCh color 44, 68.222, 287.942.

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, 68.211, 287.998

Protanopia

44, 67.081, 287.154

Deuteranopia

44, 47.875, 275.082



Tritanopia
44, 27.004, 205.648

Trichromacy



Original Color
44, 68.211, 287.998

Protanomaly
44, 67.064, 287.240

Deuteranomaly
44, 54.799, 280.585

Tritanomaly
43, 33.304, 254.985

Monochromacy



Original Color
44, 68.211, 287.998

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 27.174, 272.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 68.222, 287.942 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(8, 99, 213)` looks like.

```
.text, #text, p{  
    color:rgb(8, 99, 213)  
}
```

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(8, 99, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 99, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 68.222, 287.942 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(8, 99, 213) }
```

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

```
.border{ border-color:rgb(8, 99, 213) }
```

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

Here you see how a box with a 4 pixel rgb(8, 99, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 99, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 99, 213);  
box-shadow:4px 4px 4px 4px rgb(8, 99, 213)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 68.222, 287.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 99, 213) }
```

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

```
.background{ background-color: rgb(8, 99,  
213) }
```

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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