

Converting Colors

CIELCh(44, 67.601, 295.264)

Have a look what the booklet for
CIELCh(44, 67.601, 295.264)
contains.

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Color

CIELCh(44, 67.734, 295.333)

Conversions

Conversions Part 1

Format	Color
Hex	4B5DCF
RGB	75, 93, 207
RGB Percent	29%, 36%, 81%
CMY	0.7057, 0.6352, 0.1881
CMYK	0.64, 0.55, 0.00, 0.19
HSL	232°, 58%, 55%
HSV	232°, 64%, 81%
XYZ	18.0887, 13.8382, 60.7720
YIQ	100.6140, -47.3220, 31.6380

Conversions

Conversions Part 2

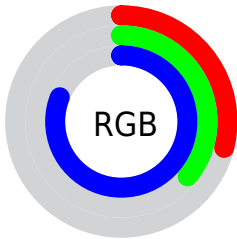
Format	Color
R_{YB}	75, 91, 207
Decimal	4939215
CIE _{Lab}	44.00, 28.98, -61.22
CIE _{LCh}	44, 67.734, 295.333
Yxy	13.8382, 0.1951, 0.1493
Android (android.graphics.Color)	4283129295 (0xFF4B5DCF)
YUV	100.6140, 52.4483, -22.4635
Hunter-Lab	37.1997, 21.6976, -70.8203

Details

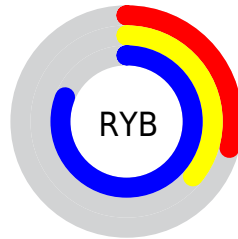
The CIELCh color **44, 67.734, 295.333** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **76, 58.498, 96.904**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 62.396, 294.704**, and **25, 67.253, 297.002** is the 20% darker color. If you saturate the color by 10%, you get **38, 79.616, 298.025**, and if you desaturate by 10%, it is **50, 56.058, 292.833**.

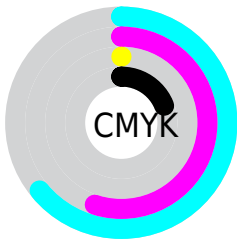
Distribution



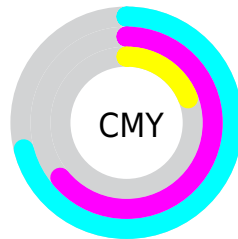
- Red (29%)
- Green (36%)
- Blue (81%)



- Red (29%)
- Yellow (36%)
- Blue (81%)



- Cyan (64%)
- Magenta (55%)
- Yellow (0%)
- Black (19%)



- Cyan (71%)
- Magenta (64%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 67.734, 295.333 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, 67.734, 295.333 by changing the saturation by 10% instead.


 44, 67.734,
295.333


 44, 67.734,
295.333


 100, 67.734,
295.333


 34, 67.734,
295.333

 64, 67.734,
295.333

 24, 67.734,
295.333

 74, 67.734,
295.333

 14, 67.734,
295.333

 84, 67.734,
295.333

 4, 67.734, 295.333

 94, 67.734,
295.333

 0, 67.734, 295.333

 44, 67.734,

 44, 67.734,

295.333

■ 38, 79.616,
298.025

■ 34, 91.210,
300.726

■ 30, 101.529,
303.158

■ 28, 106.771,
304.362

295.333

■ 50, 56.058,
292.833

■ 56, 44.770,
290.607

■ 62, 33.902,
288.674

■ 68, 23.436,
287.017

■ 75, 13.341,
285.605

■ 81, 3.586, 284.422

■ 87, 5.853, 103.329

■ 93, 14.999,
102.451

99, 23.720,
107.449

Harmonies

Complementary

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



44, 67.734, 295.333



76, 58.498, 96.904

Rectangle

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



44, 67.734, 295.333



44, 67.734, 345.333



44, 67.734, 115.333



44, 67.734, 165.333

Sweetspot

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



44, 67.734, 295.334



86, 22.030, 286.350



76, 40.458, 181.082



44, 15.237, 286.772



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, 67.734, 295.334



45, 98.921, 299.167



44, 78.238, 308.136



41, 5.511, 285.062



22, 90.610, 304.074



3, 23.149, 289.815

Inverse Universe

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



51, 56.366, 18.721



57, 79.906, 23.927



78, 68.178, 120.617



41, 4.524, 8.988



35, 70.737, 33.444



4, 20.099, 13.134

Previews

White Background



This preview shows how the CIELCh color 44, 67.734, 295.333 looks on a white background.

Color Contrast Check

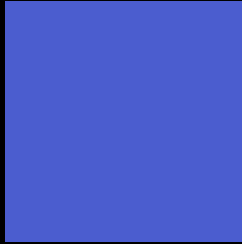
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.734, 295.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

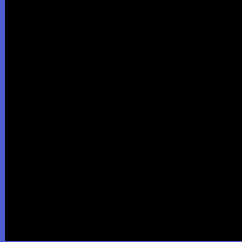
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 67.734, 295.333

Background



This preview shows how black text looks on a background with the CIELCh color 44, 67.734, 295.333.



This preview shows how white text looks on a background with the CIELCh color 44, 67.734, 295.333.

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, 67.734, 295.333

Protanopia

44, 67.081, 287.154

Deuteranopia

44, 48.396, 275.507



Tritanopia
44, 24.915, 210.974

Trichromacy



Original Color
44, 67.734, 295.333

Protanomaly
43, 67.652, 289.015

Deuteranomaly
43, 55.203, 282.962

Tritanomaly
43, 32.116, 263.606

Monochromacy



Original Color
44, 67.734, 295.333

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 25.344, 289.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 67.734, 295.333 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(75, 93, 207)` looks like.

```
.text, #text, p{  
    color:rgb(75, 93, 207)  
}
```

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(75, 93, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 93, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 67.734, 295.333 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(75, 93, 207) }
```

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

```
.border{ border-color:rgb(75, 93, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 93, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 93, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 93, 207);  
box-shadow:4px 4px 4px 4px rgb(75, 93,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 67.734, 295.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 93, 207) }
```

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

```
.background{ background-color: rgb(75, 93,  
207) }
```

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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