

Converting Colors

CIELCh(44, 65.723, 304.380)

Have a look what the booklet for
CIELCh(44, 65.723, 304.380)
contains.

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Color

CIELCh(44, 65.721, 304.459)

Conversions

Conversions Part 1

Format	Color
Hex	6F55C3
RGB	111, 85, 195
RGB Percent	44%, 33%, 76%
CMY	0.5643, 0.6664, 0.2350
CMYK	0.43, 0.56, 0.00, 0.23
HSL	254°, 48%, 55%
HSV	254°, 56%, 77%
XYZ	19.6812, 13.8382, 53.3147
YIQ	105.3140, -19.8140, 39.7220

Conversions

Conversions Part 2

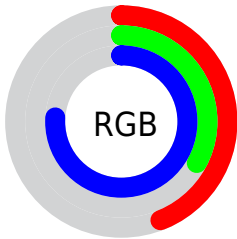
Format	Color
RYB	111, 85, 195
Decimal	7296451
CIELab	44.00, 37.19, -54.19
CIElCh	44, 65.721, 304.459
Yxy	13.8382, 0.2267, 0.1594
Android (android.graphics.Color)	4285486531 (0xFF6F55C3)
YUV	105.3140, 44.2152, 4.9866
Hunter-Lab	37.1997, 29.3393, -58.9347

Details

The CIELCh color `44, 65.721, 304.459` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted purple. A complement of this color would be `75, 57.174, 115.982`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 65.261, 304.296`, and `24, 65.616, 304.494` is the 20% darker color. If you saturate the color by 10%, you get `38, 77.959, 305.579`, and if you desaturate by 10%, it is `50, 53.337, 303.347`.

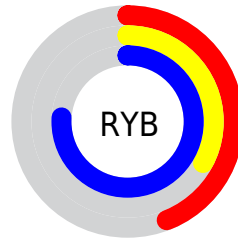
Distribution



Red (44%)

Green (33%)

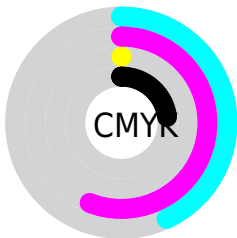
Blue (76%)



Red (44%)

Yellow (33%)

Blue (76%)

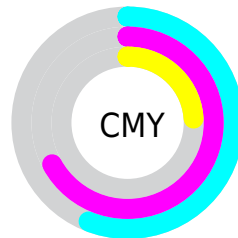


Cyan (43%)

Magenta (56%)

Yellow (0%)

Black (23%)



Cyan (56%)

Magenta (67%)

Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 65.721, 304.459 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, 65.721, 304.459 by changing the saturation by 10% instead.


 44, 65.721,
304.459

 44, 65.721,
304.459


 100, 65.721,
304.459

 34, 65.721,
304.459

 64, 65.721,
304.459


 24, 65.721,
304.459

 74, 65.721,
304.459

 14, 65.721,
304.459

 84, 65.721,
304.459

 4, 65.721, 304.459

 94, 65.721,
304.459

 0, 65.721, 304.459

 44, 65.721,

 44, 65.721,

304.459

■ 38, 77.959,
305.579

■ 33, 89.393,
306.584

■ 29, 98.945,
307.293

■ 26, 105.378,
307.513

■ 25, 107.263,
307.567

304.459

■ 50, 53.337,
303.347

■ 56, 41.148,
302.306

■ 62, 29.306,
301.366


■ 69, 17.868,
300.533

■ 75, 6.843, 299.804

■ 81, 3.780, 119.183

■ 87, 14.019,
118.632

■ 93, 23.898,
118.162

 98, 30.445,
114.889

Harmonies

Complementary

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



44, 65.721, 304.459



75, 57.174, 115.982

Rectangle

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



44, 65.721, 304.459



44, 65.721, 354.459



44, 65.721, 124.459



44, 65.721, 174.459

Sweetspot

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



44, 65.720, 304.460



86, 22.884, 300.602



65, 27.689, 229.010



45, 15.490, 300.766



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, 65.720, 304.460



48, 98.478, 305.864



50, 67.160, 319.037



38, 6.069, 300.011



20, 92.737, 307.677



1, 19.651, 297.499

Inverse Universe

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



53, 59.282, 335.860



63, 83.822, 336.970



72, 65.020, 133.787



38, 6.128, 332.403



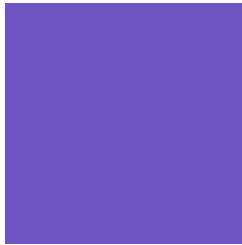
36, 68.336, 340.300



4, 19.345, 336.529

Previews

White Background



This preview shows how the CIELCh color 44, 65.721, 304.459 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 CIELCh color 44, 65.721, 304.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

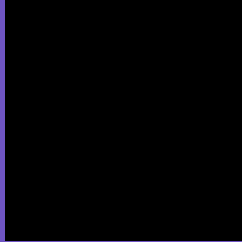
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 65.721, 304.459

Background



This preview shows how black text looks on a background with the CIELCh color 44, 65.721, 304.459.



This preview shows how white text looks on a background with the CIELCh color 44, 65.721, 304.459.

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

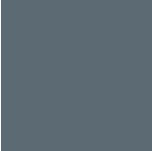
44, 65.721, 304.459

Protanopia

44, 66.407, 287.566

Deuteranopia

44, 49.966, 276.728



Tritanopia
44, 7.758, 243.184

Trichromacy



Original Color
44, 65.721, 304.459



Protanomaly
43, 65.752, 291.141



Deuteranomaly
43, 55.668, 285.339



Tritanomaly
43, 27.680, 294.034

Monochromacy



Original Color
44, 65.721, 304.459



Achromatopsia
44, 0.006, 296.813



Achromatomaly
44, 24.328, 301.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 65.721, 304.459 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(111, 85, 195)` looks like.

```
.text, #text, p{  
    color:rgb(111, 85, 195)  
}
```

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(111, 85, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 85, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 65.721, 304.459 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(111, 85, 195) }
```

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

```
.border{ border-color:rgb(111, 85, 195) }
```

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

Here you see how a box with a 4 pixel rgb(111, 85, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 85, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 85, 195);  
box-shadow:4px 4px 4px 4px rgb(111, 85,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 65.721, 304.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 85, 195) }
```

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

```
.background{ background-color: rgb(111, 85,  
195) }
```

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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