

Converting Colors

CIELCh(35, 60.479, 5.204)

Have a look what the booklet for
CIELCh(35, 60.479, 5.204) contains.

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Color

CIELCh(35, 60.459, 5.189)

Conversions

Conversions Part 1

Format	Color
Hex	A4034C
RGB	164, 3, 76
RGB Percent	64%, 1%, 30%
CMY	0.3559, 0.9898, 0.7012
CMYK	0.00, 0.98, 0.54, 0.36
HSL	333°, 97%, 33%
HSV	333°, 98%, 64%
XYZ	16.6987, 8.4984, 7.6322
YIQ	59.4610, 72.5230, 56.8350

Conversions

Conversions Part 2

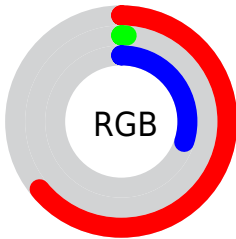
Format	Color
RYB	164, 3, 76
Decimal	10748748
CIELab	35.00, 60.21, 5.47
CIElCh	35, 60.459, 5.189
Yxy	8.4984, 0.5087, 0.2589
Android (android.graphics.Color)	4288938828 (0xFFA4034C)
YUV	59.4610, 8.1537, 91.6807
Hunter-Lab	29.1520, 51.2316, 4.8839

Details

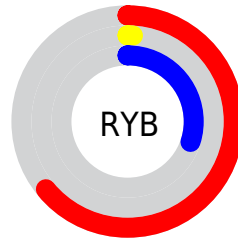
The CIELCh color **35, 60.459, 5.189** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **59, 60.252, 152.054**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 60.106, 5.040**, and **20, 44.754, 16.553** is the 20% darker color. If you saturate the color by 10%, you get **35, 60.748, 5.835**, and if you desaturate by 10%, it is **36, 58.611, 1.163**.

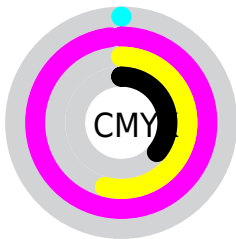
Distribution



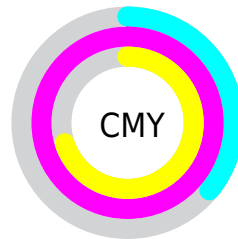
- Red (64%)
- Green (1%)
- Blue (30%)



- Red (64%)
- Yellow (1%)
- Blue (30%)



- Cyan (0%)
- Magenta (98%)
- Yellow (54%)
- Black (36%)



- Cyan (36%)
- Magenta (99%)
- Yellow (70%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 60.459, 5.189 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 35, 60.459, 5.189 by changing the saturation by 10% instead.

 35, 60.459, 5.189

 35, 60.459, 5.189

 100, 60.459, 5.189

 25, 60.459, 5.189

 55, 60.459, 5.189

 15, 60.459, 5.189

 65, 60.459, 5.189

 5, 60.459, 5.189

 75, 60.459, 5.189

 0, 60.459, 5.189

 85, 60.459, 5.189

 95, 60.459, 5.189

 35, 60.459, 5.189

 35, 60.459, 5.189

 35, 60.748, 5.835

 36, 58.611, 1.163

 38, 55.421,

357.862

■ 40, 50.660,
355.249

■ 43, 44.577,
353.162

■ 47, 37.548,
351.461

■ 51, 29.949,
350.040

■ 55, 22.090,
348.824

■ 59, 14.195,
347.759

■ 64, 6.410, 346.791

Harmonies

Complementary

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



35, 60.459, 5.189



59, 60.252, 152.054

Rectangle

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



35, 60.459, 5.189



35, 60.459, 55.189



35, 60.459, 185.189



35, 60.459, 235.189

Sweetspot

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



35, 60.456, 5.191



69, 28.976, 349.070



26, 88.384, 312.846



34, 19.762, 349.548



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



35, 60.456, 5.191



46, 74.015, 6.813



34, 73.703, 39.797



32, 4.287, 346.871



31, 55.551, 5.306



1, 6.409, 348.652

Inverse Universe

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



35, 60.456, 5.191



46, 74.015, 6.813



59, 34.376, 201.663



32, 4.287, 346.871



31, 55.551, 5.306



1, 6.409, 348.652

Previews

White Background



This preview shows how the CIELCh color 35, 60.459, 5.189 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 35, 60.459, 5.189 looks on a black 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

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

CIELCh 35, 60.459, 5.189

Background



This preview shows how black text looks on a background with the CIELCh color 35, 60.459, 5.189.



This preview shows how white text looks on a background with the CIELCh color 35, 60.459, 5.189.

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

35, 60.339, 5.259

Protanopia

36, 16.228, 284.920

Deuteranopia

36, 11.351, 64.738



Tritanopia
35, 62.886, 33.947

Trichromacy



Original Color
35, 60.339, 5.259

Protanomaly
31, 34.476, 333.693

Deuteranomaly
32, 32.675, 5.811

Tritanomaly
35, 60.649, 23.687

Monochromacy



Original Color
35, 60.339, 5.259

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 30.212, 352.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 60.459, 5.189 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(164, 3, 76)` looks like.

```
.text, #text, p{  
    color:rgb(164, 3, 76)  
}
```

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(164, 3, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 3, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 60.459, 5.189 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(164, 3, 76) }
```

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

```
.border{ border-color:rgb(164, 3, 76) }
```

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

Here you see how a box with a 4 pixel rgb(164, 3, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 3, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 3, 76);  
box-shadow:4px 4px 4px 4px rgb(164, 3, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 60.459, 5.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 3, 76) }
```

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

```
.background{ background-color: rgb(164, 3,  
76) }
```

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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