

Converting Colors

CIELCh(35, 54.498, 103.927)

Have a look what the booklet for
CIELCh(35, 54.498, 103.927)
contains.

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Color

CIELCh(35, 44.364, 106.136)

Conversions

Conversions Part 1

Format	Color
Hex	515600
RGB	81, 86, 0
RGB Percent	32%, 34%, 0%
CMY	0.6807, 0.6609, 1.0000
CMYK	0.06, 0.00, 1.00, 0.66
HSL	63°, 100%, 17%
HSV	63°, 100%, 34%
XYZ	6.7931, 8.4984, 1.2665
YIQ	74.7010, 24.6260, -27.8060

Conversions

Conversions Part 2

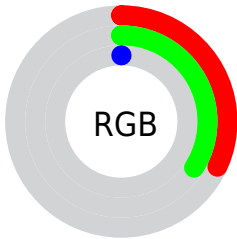
Format	Color
RYB	0, 86, 5
Decimal	5330432
CIELab	35.00, -12.33, 42.62
CIELCh	35, 44.364, 106.136
Yxy	8.4984, 0.4103, 0.5133
Android (android.graphics.Color)	4283520512 (0xFF515600)
YUV	74.7010, -36.8276, 5.5242
Hunter-Lab	29.1520, -9.4211, 17.8307

Details

The CIELCh color **35, 44.364, 106.136** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6, 60.010, 306.434**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 44.416, 106.539**, and **15, 24.194, 117.106** is the 20% darker color. If you saturate the color by 10%, you get **35, 44.182, 106.179**, and if you desaturate by 10%, it is **35, 41.473, 106.451**.

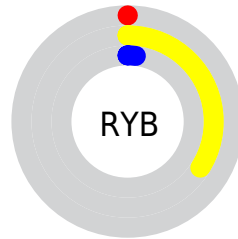
Distribution



Red (32%)

Green (34%)

Blue (0%)



Red (0%)

Yellow (34%)

Blue (2%)

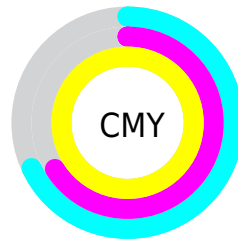


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (66%)



Cyan (68%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 44.364, 106.136 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, 44.364, 106.136 by changing the saturation by 10% instead.


 35, 44.364,
106.136


 35, 44.364,
106.136

 100, 44.364,
106.136

 25, 44.364,
106.136

 55, 44.364,
106.136

 15, 44.364,
106.136

 65, 44.364,
106.136

 5, 44.364, 106.136

 75, 44.364,
106.136

 0, 44.364, 106.136

 85, 44.364,
106.136

 95, 44.364,
106.136

■ 35, 44.364,
106.136

■ 35, 44.364,
106.136

■ 35, 44.182,
106.179

■ 35, 41.473,
106.451

■ 35, 38.626,
106.743

■ 35, 34.969,
107.210

■ 35, 30.700,
107.813

■ 36, 26.009,
108.509

■ 36, 21.042,
109.267

■ 36, 15.899,
110.059

■ 36, 10.648,

110.866

■ 36, 5.337, 111.671

Harmonies

Complementary

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



35, 44.364, 106.136



6, 60.010, 306.434

Rectangle

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



35, 44.364, 106.136



35, 44.364, 156.136



35, 44.364, 286.136



35, 44.364, 336.136

Sweetspot

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



35, 44.182, 106.179



46, 19.698, 109.980



16, 42.886, 35.207



23, 13.272, 109.782



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



35, 44.182, 106.179



45, 53.026, 106.288



32, 49.769, 128.344



18, 2.993, 111.768



43, 51.304, 106.270



89, 91.228, 106.497

Inverse Universe

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



6, 60.010, 306.434



11, 72.678, 306.597



11, 55.756, 313.960



16, 3.051, 293.215



10, 70.300, 306.614



30, 125.365, 306.418

Previews

White Background



This preview shows how the CIELCh color 35, 44.364, 106.136 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, 44.364, 106.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

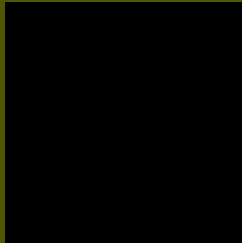
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 44.364, 106.136

Background



This preview shows how black text looks on a background with the CIELCh color 35, 44.364, 106.136.



This preview shows how white text looks on a background with the CIELCh color 35, 44.364, 106.136.

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, 44.014, 106.168

Deuteranopia

35, 39.023, 83.340

Tritanopia

35, 5.563, 328.504

Trichromacy



Original Color
35, 44.014, 106.168

Deuteranomaly
35, 40.006, 92.113

Tritanomaly
35, 16.762, 100.735

Monochromacy



Original Color
35, 44.014, 106.168

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 19.179, 109.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 44.364, 106.136 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(81, 86, 0)` looks like.

```
.text, #text, p{  
    color:rgb(81, 86, 0)  
}
```

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(81, 86, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 86, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 44.364, 106.136 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(81, 86, 0) }
```

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

```
.border{ border-color:rgb(81, 86, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 86, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 86, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(81, 86, 0); box-shadow:4px  
4px 4px 4px rgb(81, 86, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 44.364, 106.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 86, 0) }
```

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

```
.background{ background-color: rgb(81, 86,  
0) }
```

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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