

Converting Colors

CIELCh(35, 43.980, 105.636)

Have a look what the booklet for
CIELCh(35, 43.980, 105.636)
contains.

CIELCh(35, 43.981, 105.510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(35, 43.981, 105.510)

Conversions

Conversions Part 1

Format	Color
Hex	525600
RGB	82, 86, 0
RGB Percent	32%, 34%, 0%
CMY	0.6775, 0.6618, 0.9990
CMYK	0.05, 0.00, 1.00, 0.66
HSL	63°, 99%, 17%
HSV	63°, 100%, 34%
XYZ	6.8491, 8.4984, 1.2864
YIQ	75.0000, 25.2220, -27.5940

Conversions

Conversions Part 2

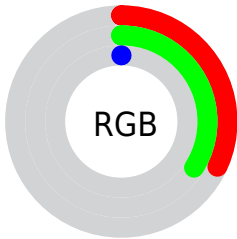
Format	Color
RYB	0, 86, 4
Decimal	5395968
CIELab	35.00, -11.76, 42.38
CIELCh	35, 43.981, 105.510
Yxy	8.4984, 0.4118, 0.5109
Android (android.graphics.Color)	4283586048 (0xFF525600)
YUV	75.0000, -36.9750, 6.1390
Hunter-Lab	29.1520, -9.0781, 17.7900

Details

The CIELCh color **35, 43.981, 105.510** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6, 59.754, 306.274**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 44.405, 105.948**, and **15, 24.071, 115.823** is the 20% darker color. If you saturate the color by 10%, you get **35, 44.064, 105.502**, and if you desaturate by 10%, it is **35, 41.286, 105.814**.

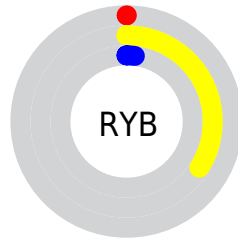
Distribution



Red (32%)

Green (34%)

Blue (0%)



Red (0%)

Yellow (34%)

Blue (2%)

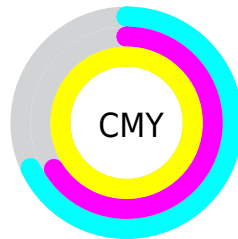


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (66%)



Cyan (68%)


Magenta (66%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 43.981, 105.510 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, 43.981, 105.510 by changing the saturation by 10% instead.


 35, 43.981,
105.510


 35, 43.981,
105.510

 100, 43.981,
105.510


 25, 43.981,
105.510

 55, 43.981,
105.510


 15, 43.981,
105.510


 65, 43.981,
105.510

 5, 43.981, 105.510

 75, 43.981,
105.510

 0, 43.981, 105.510

 85, 43.981,
105.510

 95, 43.981,
105.510

■ 35, 43.981,
105.510

■ 35, 43.981,
105.510

■ 35, 44.064,
105.502

■ 35, 41.286,
105.814

■ 35, 38.427,
106.142

■ 35, 34.759,
106.639

■ 35, 30.487,
107.265

■ 36, 25.800,
107.982

■ 36, 20.839,
108.757

■ 36, 15.706,
109.566

■ 36, 10.467,

110.388

■ 36, 5.168, 111.209

Harmonies

Complementary

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



35, 43.981, 105.510



6, 59.754, 306.274

Rectangle

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



35, 43.981, 105.510



35, 43.981, 155.510



35, 43.981, 285.510



35, 43.981, 335.510

Sweetspot

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



35, 43.981, 105.512



46, 19.690, 109.460



16, 42.947, 34.576



23, 13.266, 109.258



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, 43.981, 105.512



45, 52.983, 105.590



32, 49.324, 127.831



18, 2.992, 111.285



43, 51.262, 105.576



89, 91.145, 105.758

Inverse Universe

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



6, 59.754, 306.274



11, 72.752, 306.534



11, 55.689, 313.549



16, 3.050, 292.763



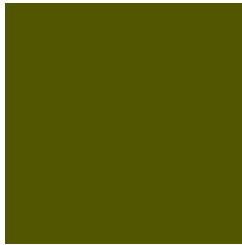
10, 70.376, 306.547



30, 125.425, 306.389

Previews

White Background



This preview shows how the CIELCh color 35, 43.981, 105.510 looks on a white background.

Color Contrast Check

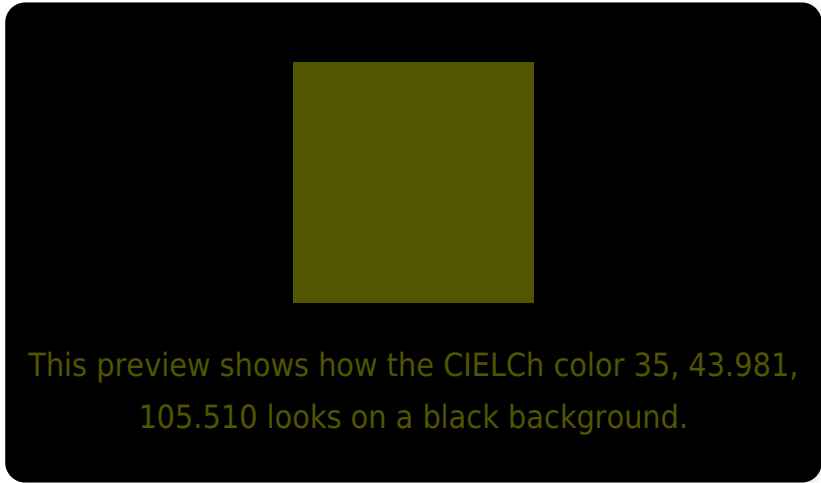
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

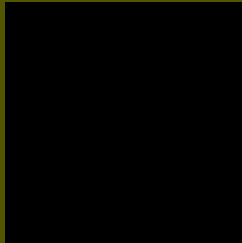
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 43.981, 105.510

Background



This preview shows how black text looks on a background with the CIELCh color 35, 43.981, 105.510.



This preview shows how white text looks on a background with the CIELCh color 35, 43.981, 105.510.

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, 43.981, 105.510

Protanopia

35, 43.191, 95.955

Deuteranopia

35, 39.023, 83.340



Tritanopia
35, 5.091, 332.846

Trichromacy



Original Color
35, 43.981, 105.510

Protanomaly
35, 43.287, 99.434

Deuteranomaly
35, 40.006, 92.113

Tritanomaly
35, 16.762, 100.735

Monochromacy



Original Color
35, 43.981, 105.510

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 19.158, 108.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 43.981, 105.510 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(82, 86, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 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(82, 86, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 86, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 43.981, 105.510 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(82, 86, 0) }
```

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

```
.border{ border-color:rgb(82, 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(82, 86, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 86, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 86, 0); box-shadow:4px  
4px 4px 4px rgb(82, 86, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 43.981, 105.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 86, 0) }
```

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

```
.background{ background-color: rgb(82, 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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