

Converting Colors

CIELCh(35, 29.998, 93.525)

Have a look what the booklet for
CIELCh(35, 29.998, 93.525) contains.

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Color

CIELCh(35, 29.986, 93.385)

Conversions

Conversions Part 1

Format	Color
Hex	5E5221
RGB	94, 82, 33
RGB Percent	37%, 32%, 13%
CMY	0.6319, 0.6789, 0.8710
CMYK	0.00, 0.13, 0.65, 0.63
HSL	48°, 48%, 25%
HSV	48°, 65%, 37%
XYZ	7.8839, 8.4984, 2.6552
YIQ	80.0020, 22.8810, -12.6950

Conversions

Conversions Part 2

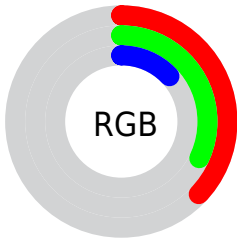
Format	Color
RYB	48, 94, 33
Decimal	6181409
CIELab	35.00, -1.77, 29.93
CIElCh	35, 29.986, 93.385
Yxy	8.4984, 0.4141, 0.4464
Android (android.graphics.Color)	4284371489 (0xFF5E5221)
YUV	80.0020, -23.1720, 12.2762
Hunter-Lab	29.1520, -2.7425, 15.0062

Details

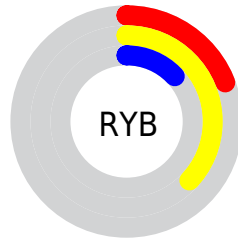
The CIELCh color **35, 29.986, 93.385** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **20, 33.222, 291.561**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 30.161, 93.509**, and **15, 22.376, 93.098** is the 20% darker color. If you saturate the color by 10%, you get **34, 33.954, 92.220**, and if you desaturate by 10%, it is **36, 25.634, 94.543**.

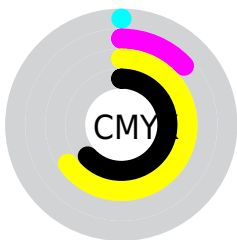
Distribution



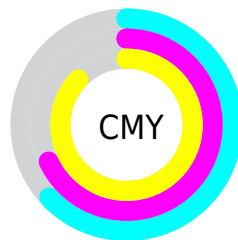
- Red (37%)
- Green (32%)
- Blue (13%)



- Red (19%)
- Yellow (37%)
- Blue (13%)



- Cyan (0%)
- Magenta (13%)
- Yellow (65%)
- Black (63%)



















- Cyan (63%)
- Magenta (68%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 29.986, 93.385 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, 29.986, 93.385 by changing the saturation by 10% instead.

 35, 29.986, 93.385	 35, 29.986, 93.385
 100, 29.986, 93.385	 25, 29.986, 93.385
 55, 29.986, 93.385	 15, 29.986, 93.385
 65, 29.986, 93.385	 5, 29.986, 93.385
 75, 29.986, 93.385	 0, 29.986, 93.385
 85, 29.986, 93.385	
 95, 29.986, 93.385	
 35, 29.986, 93.385	 35, 29.986, 93.385
 34, 33.954, 92.220	 36, 25.634, 94.543

■ 34, 37.287, 91.026

■ 36, 21.070, 95.688

■ 33, 39.948, 89.811

■ 37, 16.402, 96.820

■ 33, 41.451, 89.250

■ 38, 11.696, 97.933

■ 39, 6.990, 99.019

■ 39, 2.308, 100.055

■ 40, 2.340, 281.160

■ 41, 6.945, 282.125

■ 42, 11.506,
283.071

Harmonies

Complementary

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



35, 29.986, 93.385



20, 33.222, 291.561

Rectangle

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



35, 29.986, 93.385



35, 29.986, 143.385



35, 29.986, 273.385



35, 29.986, 323.385

Sweetspot

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



35, 29.986, 93.388



49, 11.058, 98.520



22, 29.745, 12.805



25, 7.544, 98.312



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 29.986, 93.388



44, 43.282, 91.572



37, 36.270, 118.596



18, 2.562, 99.668



38, 46.155, 88.950



79, 80.897, 87.901

Inverse Universe

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



20, 33.222, 291.561



22, 50.820, 295.662



18, 41.721, 306.554



17, 2.589, 281.593



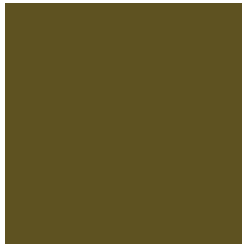
14, 60.464, 301.252



34, 112.673, 302.947

Previews

White Background



This preview shows how the CIELCh color 35, 29.986, 93.385 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 CIELCh color 35, 29.986, 93.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

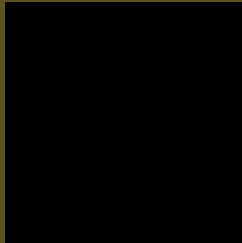
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 29.986, 93.385

Background



This preview shows how black text looks on a background with the CIELCh color 35, 29.986, 93.385.



This preview shows how white text looks on a background with the CIELCh color 35, 29.986, 93.385.

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, 29.986, 93.385

Protanopia

35, 30.169, 96.373

Deuteranopia

35, 29.705, 80.994



Tritanopia
35, 9.917, 358.986

Trichromacy



Original Color
35, 29.986, 93.385

Protanomaly
35, 30.261, 95.425

Deuteranomaly
35, 29.292, 84.953

Tritanomaly
35, 11.915, 66.542

Monochromacy



Original Color
35, 29.986, 93.385

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 11.334, 98.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 29.986, 93.385 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(94, 82, 33)` looks like.

```
.text, #text, p{  
    color:rgb(94, 82, 33)  
}
```

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(94, 82, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 82, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 29.986, 93.385 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(94, 82, 33) }
```

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

```
.border{ border-color:rgb(94, 82, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 82, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 82, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 82, 33);  
box-shadow:4px 4px 4px 4px rgb(94, 82, 33)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 29.986, 93.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 82, 33) }
```

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

```
.background{ background-color: rgb(94, 82,  
33) }
```

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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