

Converting Colors

CIELCh(35, 37.584, 109.596)

Have a look what the booklet for
CIELCh(35, 37.584, 109.596)
contains.

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Color

CIELCh(35, 37.560, 110.058)

Conversions

Conversions Part 1

Format	Color
Hex	4F5715
RGB	79, 87, 21
RGB Percent	31%, 34%, 8%
CMY	0.6909, 0.6595, 0.9183
CMYK	0.09, 0.00, 0.76, 0.66
HSL	67°, 61%, 21%
HSV	67°, 76%, 34%
XYZ	6.7390, 8.4984, 1.9863
YIQ	77.0840, 16.4180, -22.2220

Conversions

Conversions Part 2

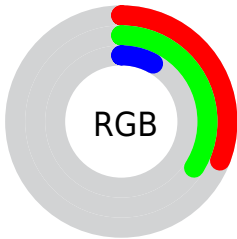
Format	Color
R_{YB}	21, 87, 29
Decimal	5199637
CIE Lab	35.00, -12.88, 35.28
CIE LCh	35, 37.560, 110.058
Yxy	8.4984, 0.3913, 0.4934
Android (android.graphics.Color)	4283389717 (0xFF4F5715)
YUV	77.0840, -27.6494, 1.6803
Hunter-Lab	29.1520, -9.7524, 16.3666

Details

The CIELCh color **35, 37.560, 110.058** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12, 46.309, 303.726**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 37.677, 110.404**, and **15, 24.901, 117.838** is the 20% darker color. If you saturate the color by 10%, you get **35, 40.795, 109.843**, and if you desaturate by 10%, it is **35, 33.588, 110.470**.

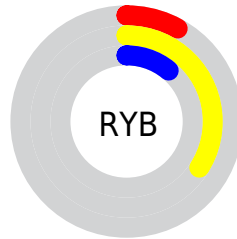
Distribution



Red (31%)

Green (34%)

Blue (8%)



Red (8%)

Yellow (34%)

Blue (11%)

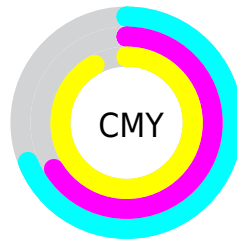


Cyan (9%)

Magenta (0%)

Yellow (76%)

Black (66%)



Cyan (69%)


Magenta (66%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 37.560, 110.058 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, 37.560, 110.058 by changing the saturation by 10% instead.


 35, 37.560,
110.058


 35, 37.560,
110.058

 100, 37.560,
110.058


 25, 37.560,
110.058

 55, 37.560,
110.058


 15, 37.560,
110.058


 65, 37.560,
110.058

 5, 37.560, 110.058

 75, 37.560,
110.058

 0, 37.560, 110.058

 85, 37.560,
110.058

 95, 37.560,
110.058

■ 35, 37.560,
110.058

■ 35, 37.560,
110.058

■ 35, 40.795,
109.843

■ 35, 33.588,
110.470

■ 35, 43.465,
109.762

■ 35, 29.088,
111.018

■ 35, 44.604,
109.698

■ 36, 24.232,
111.656

■ 36, 19.145,
112.347

■ 36, 13.914,
113.066

■ 36, 8.595, 113.793

■ 37, 3.231, 114.512

■ 37, 2.153, 295.225

Harmonies

Complementary

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



35, 37.560, 110.058



12, 46.309, 303.726

Rectangle

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



35, 37.560, 110.058



35, 37.560, 160.058



35, 37.560, 290.058



35, 37.560, 340.058

Sweetspot

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



35, 37.560, 110.060



46, 15.213, 113.231



20, 32.781, 36.154



23, 10.405, 113.066



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, 37.560, 110.060



45, 51.095, 109.845



33, 42.195, 130.061



18, 3.003, 114.315



43, 51.662, 109.877



88, 91.948, 110.334

Inverse Universe

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



12, 46.309, 303.726



13, 67.122, 305.888



17, 45.181, 315.753



16, 3.060, 295.601



10, 69.900, 306.982



30, 124.892, 306.653

Previews

White Background



This preview shows how the CIELCh color 35, 37.560, 110.058 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, 37.560, 110.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

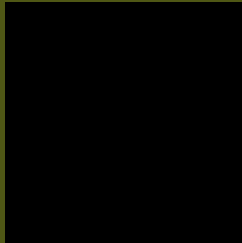
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 37.560, 110.058

Background



This preview shows how black text looks on a background with the CIELCh color 35, 37.560, 110.058.



This preview shows how white text looks on a background with the CIELCh color 35, 37.560, 110.058.

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, 37.560, 110.058

Protanopia

35, 36.059, 94.980

Deuteranopia

35, 34.318, 82.398



Tritanopia
35, 4.132, 314.907

Trichromacy



Original Color
35, 37.560, 110.058

Protanomaly
35, 36.493, 100.750

Deuteranomaly
35, 34.516, 93.093

Tritanomaly
35, 12.366, 108.054

Monochromacy



Original Color
35, 37.560, 110.058

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 14.939, 112.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 37.560, 110.058 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(79, 87, 21)` looks like.

```
.text, #text, p{  
    color:rgb(79, 87, 21)  
}
```

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(79, 87, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 87, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 37.560, 110.058 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(79, 87, 21) }
```

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

```
.border{ border-color:rgb(79, 87, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 87, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 87, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 87, 21);  
box-shadow:4px 4px 4px 4px rgb(79, 87, 21)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 37.560, 110.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 87, 21) }
```

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

```
.background{ background-color: rgb(79, 87,  
21) }
```

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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