

Converting Colors

CIELCh(32, 36.891, 105.386)

Have a look what the booklet for
CIELCh(32, 36.891, 105.386)
contains.

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Color

CIELCh(32, 36.578, 105.232)

Conversions

Conversions Part 1

Format	Color
Hex	4C4E0D
RGB	76, 78, 13
RGB Percent	30%, 31%, 5%
CMY	0.7004, 0.6926, 0.9473
CMYK	0.03, 0.00, 0.83, 0.69
HSL	62°, 71%, 18%
HSV	62°, 83%, 31%
XYZ	5.8388, 7.0852, 1.4555
YIQ	69.9920, 19.6730, -20.6390

Conversions

Conversions Part 2

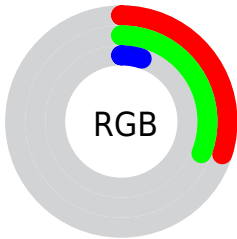
Format	Color
RYB	13, 78, 15
Decimal	5000717
CIELab	32.00, -9.61, 35.29
CIElCh	32, 36.578, 105.232
Yxy	7.0852, 0.4061, 0.4927
Android (android.graphics.Color)	4283190797 (0xFF4C4E0D)
YUV	69.9920, -28.0971, 5.2690
Hunter-Lab	26.6180, -7.4268, 15.3906

Details

The CIELCh color **32, 36.578, 105.232** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9, 46.649, 303.247**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 36.820, 105.453**, and **12, 19.582, 116.890** is the 20% darker color. If you saturate the color by 10%, you get **32, 39.226, 104.865**, and if you desaturate by 10%, it is **32, 33.334, 105.728**.

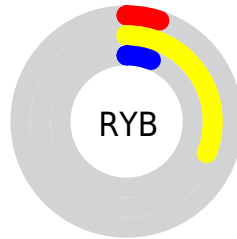
Distribution



Red (30%)

Green (31%)

Blue (5%)



Red (5%)

Yellow (31%)

Blue (6%)

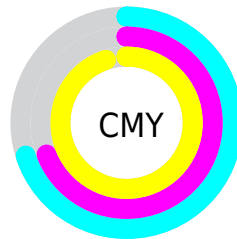


Cyan (3%)

Magenta (0%)

Yellow (83%)

Black (69%)



Cyan (70%)


Magenta (69%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 36.578, 105.232 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 32, 36.578, 105.232 by changing the saturation by 10% instead.


 32, 36.578,
105.232


 32, 36.578,
105.232

 100, 36.578,
105.232


 22, 36.578,
105.232

 52, 36.578,
105.232


 12, 36.578,
105.232


 62, 36.578,
105.232

 2, 36.578, 105.232

 72, 36.578,
105.232

 0, 36.578, 105.232

 82, 36.578,
105.232

 92, 36.578,
105.232

■ 32, 36.578,
105.232

■ 32, 36.578,
105.232

■ 32, 39.226,
104.865

■ 32, 33.334,
105.728

■ 32, 41.245,
104.573

■ 32, 29.497,
106.348

■ 32, 25.246,
107.062

■ 32, 20.717,
107.837

■ 33, 16.011,
108.649

■ 33, 11.196,
109.480

■ 33, 6.315, 110.313

■ 33, 1.401, 111.125

Harmonies

Complementary

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



32, 36.578, 105.232



9, 46.649, 303.247

Rectangle

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



32, 36.578, 105.232



32, 36.578, 155.232



32, 36.578, 285.232



32, 36.578, 335.232

Sweetspot

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



32, 36.578, 105.234



42, 15.208, 109.225



15, 34.468, 31.590



21, 10.236, 109.073



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



32, 36.578, 105.234



41, 49.220, 104.664



30, 40.293, 126.924



15, 2.688, 110.662



41, 49.487, 104.636



88, 89.563, 104.764

Inverse Universe

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



9, 46.649, 303.247



9, 67.429, 306.289



12, 44.856, 312.983



14, 2.739, 292.134



9, 68.082, 306.468



29, 123.429, 306.356

Previews

White Background



This preview shows how the CIELCh color 32, 36.578, 105.232 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 32, 36.578, 105.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

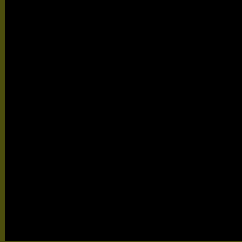
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 36.578, 105.232

Background



This preview shows how black text looks on a background with the CIELCh color 32, 36.578, 105.232.



This preview shows how white text looks on a background with the CIELCh color 32, 36.578, 105.232.

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

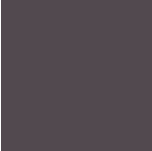
32, 36.578, 105.232

Protanopia

32, 36.069, 96.165

Deuteranopia

32, 34.418, 83.530



Tritanopia
32, 5.469, 336.338

Trichromacy



Original Color
32, 36.578, 105.232

Protanomaly
32, 36.248, 99.524

Deuteranomaly
32, 34.564, 91.644

Tritanomaly
32, 12.795, 97.098

Monochromacy



Original Color
32, 36.578, 105.232

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 15.111, 109.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 36.578, 105.232 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(76, 78, 13)` looks like.

```
.text, #text, p{  
    color:rgb(76, 78, 13)  
}
```

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(76, 78, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 78, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 36.578, 105.232 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(76, 78, 13) }
```

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

```
.border{ border-color:rgb(76, 78, 13) }
```

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

Here you see how a box with a 4 pixel rgb(76, 78, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 78, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 78, 13);  
box-shadow:4px 4px 4px 4px rgb(76, 78, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 36.578, 105.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 78, 13) }
```

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

```
.background{ background-color: rgb(76, 78,  
13) }
```

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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