

Converting Colors

CIELCh(50, 32.534, 115.871)

Have a look what the booklet for
CIELCh(50, 32.534, 115.871)
contains.

CIELCh(50, 32.765, 116.258)	3
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Color

CIELCh(50, 32.765, 116.258)

Conversions

Conversions Part 1

Format	Color
Hex	707D44
RGB	112, 125, 68
RGB Percent	44%, 49%, 27%
CMY	0.5621, 0.5111, 0.7346
CMYK	0.10, 0.00, 0.46, 0.51
HSL	74°, 30%, 38%
HSV	74°, 46%, 49%
XYZ	14.9643, 18.4187, 8.1854
YIQ	114.6150, 10.5490, -20.4830

Conversions

Conversions Part 2

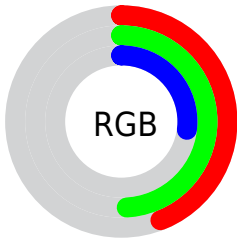
Format	Color
RYB	68, 125, 81
Decimal	7372100
CIELab	50.00, -14.50, 29.38
CIElCh	50, 32.765, 116.258
Yxy	18.4187, 0.3600, 0.4431
Android (android.graphics.Color)	4285562180 (0xFF707D44)
YUV	114.6150, -22.9812, -2.2934
Hunter-Lab	42.9170, -12.8651, 18.7338

Details

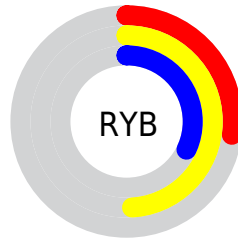
The CIELCh color **50, 32.765, 116.258** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **32, 36.307, 302.846**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 33.132, 116.234**, and **30, 32.600, 115.886** is the 20% darker color. If you saturate the color by 10%, you get **50, 39.342, 115.743**, and if you desaturate by 10%, it is **50, 25.849, 116.849**.

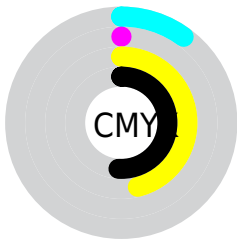
Distribution



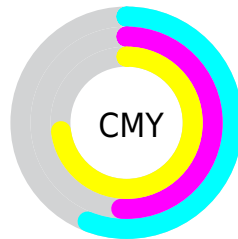
- Red (44%)
- Green (49%)
- Blue (27%)



- Red (27%)
- Yellow (49%)
- Blue (32%)



- Cyan (10%)
- Magenta (0%)
- Yellow (46%)
- Black (51%)





- Cyan (56%)
- Magenta (51%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 32.765, 116.258 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 50, 32.765, 116.258 by changing the saturation by 10% instead.


 50, 32.765,
116.258


 50, 32.765,
116.258


 100, 32.765,
116.258


 40, 32.765,
116.258


 70, 32.765,
116.258

 30, 32.765,
116.258


 80, 32.765,
116.258


 20, 32.765,
116.258

 90, 32.765,
116.258

 10, 32.765,
116.258

 0, 32.765, 116.258

 50, 32.765,
116.258

 50, 32.765,
116.258

■ 50, 39.342,
115.743

■ 50, 25.849,
116.849

■ 49, 45.384,
115.350

■ 51, 18.723,
117.473

■ 49, 50.630,
115.154

■ 51, 11.476,
118.106

■ 49, 54.772,
115.241

■ 52, 4.171, 118.733

■ 48, 57.665,
115.653

■ 53, 3.152, 299.331

■ 48, 58.836,
115.830

■ 53, 10.463,
299.914

■ 54, 17.741,
300.464

■ 55, 24.969,
300.982

■ 55, 32.135,
301.466

Harmonies

Complementary

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



50, 32.765, 116.258



32, 36.307, 302.846

Rectangle

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



50, 32.765, 116.258



50, 32.765, 166.258



50, 32.765, 296.258



50, 32.765, 346.258

Sweetspot

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



50, 32.766, 116.260



66, 12.755, 118.192



39, 22.809, 41.107



34, 8.758, 118.079



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



50, 32.766, 116.260



64, 48.359, 115.713



48, 36.979, 134.017



26, 4.057, 118.525



48, 58.932, 115.833



92, 99.508, 116.465

Inverse Universe

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



32, 36.307, 302.846



38, 55.287, 304.000



36, 38.095, 318.111



23, 4.134, 299.659



14, 77.133, 307.773



34, 130.579, 307.375

Previews

White Background



This preview shows how the CIELCh color 50, 32.765, 116.258 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 50, 32.765, 116.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

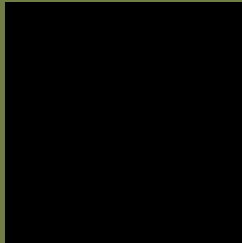
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 32.765, 116.258

Background



This preview shows how black text looks on a background with the CIELCh color 50, 32.765, 116.258.



This preview shows how white text looks on a background with the CIELCh color 50, 32.765, 116.258.

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
50, 32.765, 116.258

Protanopia
50, 30.816, 95.713

Deuteranopia
50, 29.157, 76.973



Tritanopia
50, 5.293, 295.106

Trichromacy



Original Color
50, 32.765, 116.258

Protanomaly
50, 30.758, 103.532

Deuteranomaly
50, 28.533, 92.349

Tritanomaly
50, 8.903, 119.826

Monochromacy



Original Color
50, 32.765, 116.258

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 12.442, 118.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 32.765, 116.258 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(112, 125, 68)` looks like.

```
.text, #text, p{  
    color:rgb(112, 125, 68)  
}
```

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(112, 125, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 125, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 32.765, 116.258 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(112, 125, 68) }
```

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

```
.border{ border-color:rgb(112, 125, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 125, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 125, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 125, 68);  
box-shadow:4px 4px 4px 4px rgb(112, 125,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 32.765, 116.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 125, 68) }
```

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

```
.background{ background-color: rgb(112,  
125, 68) }
```

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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