

Converting Colors

CIELCh(32, 4.615, 38.552)

Have a look what the booklet for
CIELCh(32, 4.615, 38.552) contains.

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Color

CIELCh(32, 4.683, 35.607)

Conversions

Conversions Part 1

Format	Color
Hex	534947
RGB	83, 73, 71
RGB Percent	33%, 29%, 28%
CMY	0.6740, 0.7132, 0.7210
CMYK	0.00, 0.12, 0.14, 0.67
HSL	10°, 8%, 30%
HSV	10°, 14%, 33%
XYZ	7.1129, 7.0852, 6.9769
YIQ	75.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

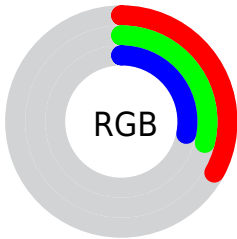
Format	Color
RYB	83, 73, 71
Decimal	5458247
CIELab	32.00, 3.81, 2.73
CIELCh	32, 4.683, 35.607
Yxy	7.0852, 0.3359, 0.3346
Android (android.graphics.Color)	4283648327 (0xFF534947)
YUV	75.7620, -2.3477, 6.3477
Hunter-Lab	26.6180, 1.1176, 3.0919

Details

The CIELCh color **32, 4.683, 35.607** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 4.298, 215.965**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 4.826, 40.809**, and **12, 4.796, 29.266** is the 20% darker color. If you saturate the color by 10%, you get **30, 8.234, 35.756**, and if you desaturate by 10%, it is **34, 1.386, 35.469**.

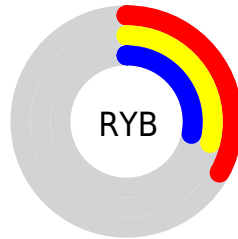
Distribution



 Red (33%)

 Green (29%)

 Blue (28%)



 Red (33%)

 Yellow (29%)

 Blue (28%)

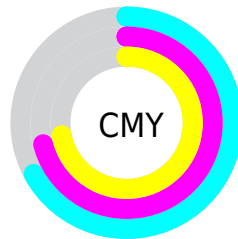


 Cyan (0%)

 Magenta (12%)

 Yellow (14%)

 Black (67%)



 Cyan (67%)

 Magenta (71%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 4.683, 35.607 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, 4.683, 35.607 by changing the saturation by 10% instead.

■ 32, 4.683, 35.607 ■ 32, 4.683, 35.607

■ 100, 4.683, 35.607 ■ 22, 4.683, 35.607

■ 52, 4.683, 35.607 ■ 12, 4.683, 35.607

■ 62, 4.683, 35.607 ■ 2, 4.683, 35.607

■ 72, 4.683, 35.607 ■ 0, 4.683, 35.607

■ 82, 4.683, 35.607

■ 92, 4.683, 35.607

■ 32, 4.683, 35.607 ■ 32, 4.683, 35.607

■ 30, 8.234, 35.756 ■ 34, 1.386, 35.469

■ 28, 12.056, 36.006 ■ 37, 1.677, 215.929

■ 25, 16.157, 36.417

■ 39, 4.527, 215.954

■ 23, 20.528, 37.024

■ 41, 7.188, 216.110

■ 21, 25.140, 37.859

■ 44, 9.679, 216.312

■ 20, 29.924, 38.929

■ 46, 12.020,
216.542

■ 18, 34.385, 39.468

■ 49, 14.229,
216.790

■ 17, 37.874, 38.940

■ 16, 39.654, 38.975

■ 51, 16.320,
217.050

■ 53, 18.308,
217.316

Harmonies

Complementary

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



32, 4.683, 35.607



34, 4.298, 215.965

Rectangle

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



32, 4.683, 35.607



32, 4.683, 85.607



32, 4.683, 215.607



32, 4.683, 265.607

Sweetspot

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



32, 4.682, 35.622



44, 1.538, 35.454



32, 8.209, 330.172



22, 1.082, 35.477



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



32, 4.682, 35.622



40, 6.878, 35.655



34, 5.311, 89.459



15, 1.746, 35.565



22, 49.137, 41.089



50, 94.024, 42.266

Inverse Universe

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



34, 4.298, 215.965



43, 6.188, 216.026



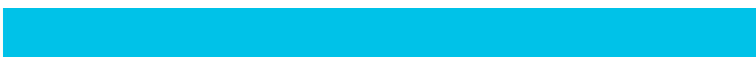
32, 5.301, 272.919



16, 1.661, 215.905



34, 22.610, 226.445



72, 40.551, 228.841

Previews

White Background



This preview shows how the CIELCh color 32, 4.683, 35.607 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 CIE LCh color 32, 4.683, 35.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

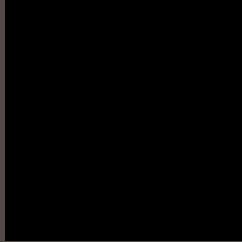
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 4.683, 35.607

Background



This preview shows how black text looks on a background with the CIELCh color 32, 4.683, 35.607.



This preview shows how white text looks on a background with the CIELCh color 32, 4.683, 35.607.

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, 4.683, 35.607

Protanopia

32, 2.083, 84.614

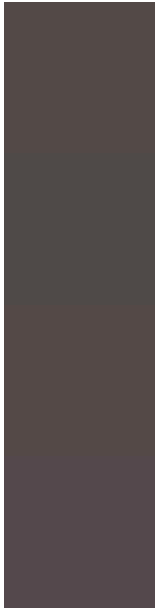
Deuteranopia

32, 5.129, 34.286



Tritanopia
32, 6.491, 344.728

Trichromacy



Original Color

32, 4.683, 35.607

Protanomaly

32, 2.554, 49.215

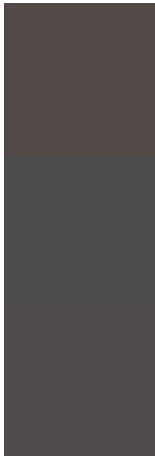
Deuteranomaly

32, 5.129, 34.286

Tritanomaly

32, 5.876, 354.908

Monochromacy



Original Color

32, 4.683, 35.607

Achromatopsia

32, 0.005, 296.813

Achromatomaly

32, 1.869, 39.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 4.683, 35.607 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(83, 73, 71)` looks like.

```
.text, #text, p{  
    color:rgb(83, 73, 71)  
}
```

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(83, 73, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 73, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 4.683, 35.607 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(83, 73, 71) }
```

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

```
.border{ border-color:rgb(83, 73, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 73, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 73, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 73, 71);  
box-shadow:4px 4px 4px 4px rgb(83, 73, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 4.683, 35.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 73, 71) }
```

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

```
.background{ background-color: rgb(83, 73,  
71) }
```

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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