

Converting Colors

CIELCh(34, 9.462, 34.670)

Have a look what the booklet for
CIELCh(34, 9.462, 34.670) contains.

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Color

CIELCh(34, 9.361, 32.201)

Conversions

Conversions Part 1

Format	Color
Hex	5F4B48
RGB	95, 75, 72
RGB Percent	37%, 29%, 28%
CMY	0.6259, 0.7044, 0.7162
CMYK	0.00, 0.21, 0.24, 0.63
HSL	8°, 14%, 33%
HSV	8°, 24%, 37%
XYZ	8.4821, 8.0082, 7.2918
YIQ	80.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

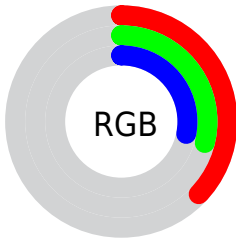
Format	Color
RYB	95, 75, 72
Decimal	6245192
CIELab	34.00, 7.92, 4.99
CIELCh	34, 9.361, 32.201
Yxy	8.0082, 0.3567, 0.3367
Android (android.graphics.Color)	4284435272 (0xFF5F4B48)
YUV	80.6380, -4.2585, 12.5955
Hunter-Lab	28.2988, 3.9793, 4.5318




Details

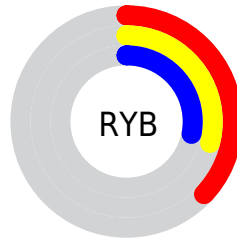
The CIELCh color **34, 9.361, 32.201** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 8.023, 211.869**, and the grayscale version is **34, 0.005, 296.813**.




A 20% lighter version of the original color is **54, 9.424, 34.347**, and **14, 9.209, 30.495** is the 20% darker color. If you saturate the color by 10%, you get **31, 13.761, 32.659**, and if you desaturate by 10%, it is **37, 5.273, 31.900**.

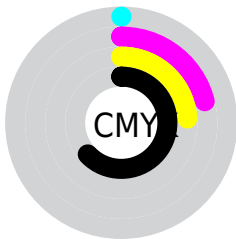
Distribution







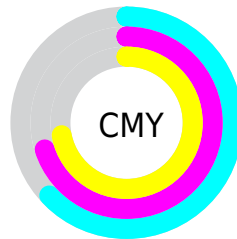
-  Red (37%)
-  Green (29%)
-  Blue (28%)






-  Red (37%)
-  Yellow (29%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (21%)
-  Yellow (24%)
-  Black (63%)





-  Cyan (63%)
-  Magenta (70%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 9.361, 32.201 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 34, 9.361, 32.201 by changing the saturation by 10% instead.

 34, 9.361, 32.201  34, 9.361, 32.201

 100, 9.361, 32.201  24, 9.361, 32.201

 54, 9.361, 32.201  14, 9.361, 32.201

 64, 9.361, 32.201  4, 9.361, 32.201

 74, 9.361, 32.201  0, 9.361, 32.201

 84, 9.361, 32.201

 94, 9.361, 32.201

 34, 9.361, 32.201  34, 9.361, 32.201

 31, 13.761, 32.659  37, 5.273, 31.900

 29, 18.479, 33.301  39, 1.485, 31.583

■ 27, 23.498, 34.184

■ 42, 2.029, 211.893

■ 24, 28.770, 35.348

■ 45, 5.292, 211.798

■ 23, 34.199, 36.806

■ 48, 8.332, 211.833

■ 21, 39.514, 38.328

■ 50, 11.173,
211.920

■ 20, 43.625, 38.608

■ 53, 13.838,
212.041

■ 19, 45.727, 39.003

■ 56, 16.348,
212.185

■ 59, 18.721,
212.345

Harmonies

Complementary

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



34, 9.361, 32.201



38, 8.023, 211.869

Rectangle

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



34, 9.361, 32.201



34, 9.361, 82.201



34, 9.361, 212.201



34, 9.361, 262.201

Sweetspot

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



34, 9.360, 32.209



50, 3.175, 31.716



34, 15.967, 329.096



25, 2.082, 31.725



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



34, 9.360, 32.209



43, 14.362, 32.448



37, 9.622, 84.011



19, 2.077, 31.765



23, 52.979, 40.364



51, 97.518, 41.459

Inverse Universe

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



38, 8.023, 211.869



48, 11.808, 211.972



34, 9.436, 270.251



19, 1.970, 211.826



38, 23.990, 219.301



77, 41.795, 220.955

Previews

White Background



This preview shows how the CIELCh color 34, 9.361, 32.201 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 34, 9.361, 32.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

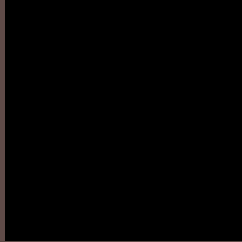
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 9.361, 32.201

Background



This preview shows how black text looks on a background with the CIELCh color 34, 9.361, 32.201.

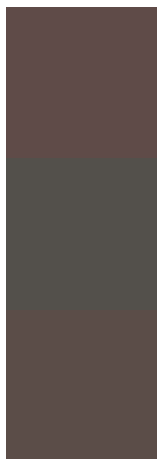


This preview shows how white text looks on a background with the CIELCh color 34, 9.361, 32.201.

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

34, 9.361, 32.201

Protanopia

34, 3.384, 86.502

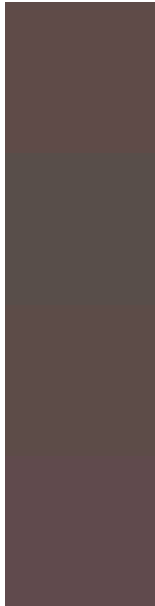
Deuteranopia

34, 7.116, 46.108



Tritanopia
34, 10.398, 0.074

Trichromacy



Original Color

34, 9.361, 32.201

Protanomaly

34, 5.143, 48.899

Deuteranomaly

34, 8.174, 38.164

Tritanomaly

34, 10.012, 10.293

Monochromacy



Original Color

34, 9.361, 32.201

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 3.138, 31.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 9.361, 32.201 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(95, 75, 72)` looks like.

```
.text, #text, p{  
    color:rgb(95, 75, 72)  
}
```

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(95, 75, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 75, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 9.361, 32.201 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(95, 75, 72) }
```

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

```
.border{ border-color:rgb(95, 75, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 75, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 75, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 75, 72);  
box-shadow:4px 4px 4px 4px rgb(95, 75, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 9.361, 32.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 75, 72) }
```

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

```
.background{ background-color: rgb(95, 75,  
72) }
```

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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