

Converting Colors

CIELCh(36, 62.640, 34.010)

Have a look what the booklet for
CIELCh(36, 62.640, 34.010) contains.

CIELCh(36, 62.858, 34.292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(36, 62.858, 34.292)

Conversions

Conversions Part 1

Format	Color
Hex	A4211F
RGB	164, 33, 31
RGB Percent	64%, 13%, 12%
CMY	0.3585, 0.8723, 0.8796
CMYK	0.00, 0.80, 0.81, 0.36
HSL	1°, 68%, 38%
HSV	1°, 81%, 64%
XYZ	15.9987, 9.0082, 2.1719
YIQ	71.9410, 78.7180, 27.1500

Conversions

Conversions Part 2

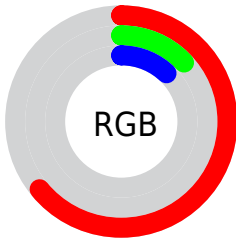
Format	Color
RYB	164, 33, 31
Decimal	10756383
CIELab	36.00, 51.93, 35.41
CIELCh	36, 62.858, 34.292
Yxy	9.0082, 0.5886, 0.3314
Android (android.graphics.Color)	4288946463 (0xFFA4211F)
YUV	71.9410, -20.1839, 80.7357
Hunter-Lab	30.0136, 42.6254, 16.7191

Details

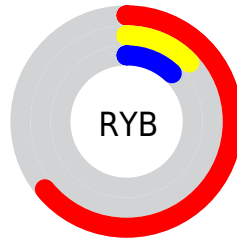
The CIELCh color **36, 62.858, 34.292** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **61, 33.666, 198.354**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 63.007, 34.200**, and **20, 51.361, 36.210** is the 20% darker color. If you saturate the color by 10%, you get **35, 69.814, 37.529**, and if you desaturate by 10%, it is **38, 54.783, 31.052**.

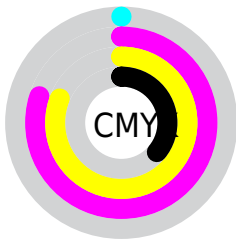
Distribution



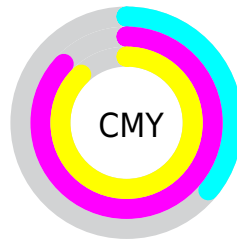
- Red (64%)
- Green (13%)
- Blue (12%)



- Red (64%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (81%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (88%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 62.858, 34.292 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 36, 62.858, 34.292 by changing the saturation by 10% instead.

 36, 62.858, 34.292

 36, 62.858, 34.292

 100, 62.858,
34.292

 26, 62.858, 34.292

 56, 62.858, 34.292

 16, 62.858, 34.292

 66, 62.858, 34.292

 6, 62.858, 34.292

 76, 62.858, 34.292

 0, 62.858, 34.292

 86, 62.858, 34.292

 96, 62.858, 34.292

 36, 62.858, 34.292

 36, 62.858, 34.292

 35, 69.814, 37.529

 38, 54.783, 31.052

34, 74.590, 39.968

41, 46.298, 28.274

45, 37.775, 26.051

49, 29.467, 24.326

53, 21.543, 23.002

57, 14.100, 21.982

62, 7.173, 21.177

67, 0.754, 20.016

71, 5.185, 200.276

Harmonies

Complementary

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



36, 62.858, 34.292



61, 33.666, 198.354

Rectangle

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



36, 62.858, 34.292



36, 62.858, 84.292



36, 62.858, 214.292



36, 62.858, 264.292

Sweetspot

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



36, 62.856, 34.294



71, 19.906, 22.282



40, 77.477, 328.007



36, 13.964, 22.627



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



36, 62.856, 34.294



44, 89.041, 39.373



48, 51.468, 64.920



32, 3.580, 21.033



30, 67.871, 39.489



1, 5.395, 20.466

Inverse Universe

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



61, 33.666, 198.354



76, 42.542, 198.535



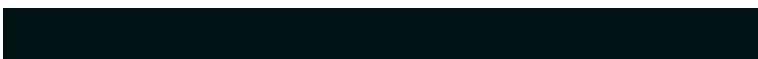
40, 41.842, 275.495



34, 3.379, 200.210



54, 32.335, 198.522



4, 5.362, 200.997

Previews

White Background



This preview shows how the CIELCh color 36, 62.858, 34.292 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 36, 62.858, 34.292 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 36, 62.858, 34.292

Background



This preview shows how black text looks on a background with the CIELCh color 36, 62.858, 34.292.



This preview shows how white text looks on a background with the CIELCh color 36, 62.858, 34.292.

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

36, 62.858, 34.292

Protanopia

37, 25.175, 95.873

Deuteranopia

37, 39.339, 83.103



Tritanopia
36, 62.759, 33.622

Trichromacy



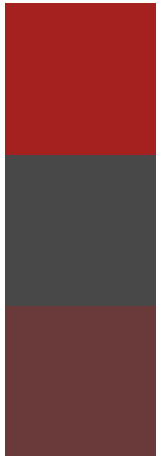
Original Color
36, 62.858, 34.292

Protanomaly
34, 32.960, 52.134

Deuteranomaly
35, 43.982, 55.317

Tritanomaly
36, 62.759, 33.622

Monochromacy



Original Color
36, 62.858, 34.292

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 22.780, 25.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 62.858, 34.292 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(164, 33, 31)` looks like.

```
.text, #text, p{  
    color:rgb(164, 33, 31)  
}
```

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(164, 33, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 33, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 62.858, 34.292 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(164, 33, 31) }
```

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

```
.border{ border-color:rgb(164, 33, 31) }
```

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

Here you see how a box with a 4 pixel rgb(164, 33, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 33, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 33, 31);  
box-shadow:4px 4px 4px 4px rgb(164, 33,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 62.858, 34.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 33, 31) }
```

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

```
.background{ background-color: rgb(164, 33,  
31) }
```

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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