

Converting Colors

CIELCh(34, 72.187, 41.291)

Have a look what the booklet for
CIELCh(34, 72.187, 41.291) contains.

CIELCh(34, 72.204, 41.407)	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(34, 72.204, 41.407)

Conversions

Conversions Part 1

Format	Color
Hex	A11200
RGB	161, 18, 0
RGB Percent	63%, 7%, 0%
CMY	0.3687, 0.9294, 1.0000
CMYK	0.00, 0.89, 1.00, 0.37
HSL	7°, 100%, 32%
HSV	7°, 100%, 63%
XYZ	14.9121, 8.0082, 0.7596
YIQ	58.7050, 91.0060, 24.7180

Conversions

Conversions Part 2

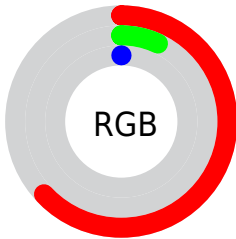
Format	Color
RYB	161, 20, 0
Decimal	10555904
CIELab	34.00, 54.16, 47.76
CIELCh	34, 72.204, 41.407
Yxy	8.0082, 0.6297, 0.3382
Android (android.graphics.Color)	4288745984 (0xFFA11200)
YUV	58.7050, -28.9416, 89.7127
Hunter-Lab	28.2988, 44.5378, 18.2177

Details

The CIELCh color **34, 72.204, 41.407** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **54, 31.408, 216.361**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 72.282, 41.548**, and **19, 49.207, 35.560** is the 20% darker color. If you saturate the color by 10%, you get **34, 72.200, 41.407**, and if you desaturate by 10%, it is **35, 66.010, 39.629**.

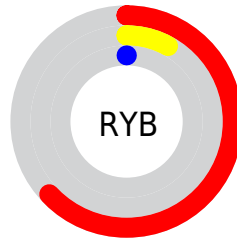
Distribution



Red (63%)

Green (7%)

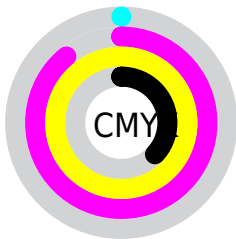
Blue (0%)



Red (63%)

Yellow (8%)

Blue (0%)

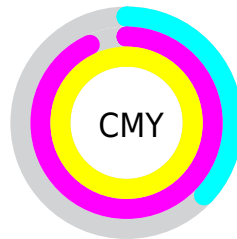


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (37%)



Cyan (37%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 72.204, 41.407 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, 72.204, 41.407 by changing the saturation by 10% instead.

■ 34, 72.204, 41.407

■ 34, 72.204, 41.407

■ 100, 72.204,
41.407

■ 24, 72.204, 41.407

■ 54, 72.204, 41.407

■ 14, 72.204, 41.407

■ 64, 72.204, 41.407

■ 4, 72.204, 41.407

■ 74, 72.204, 41.407

■ 0, 72.204, 41.407

■ 84, 72.204, 41.407

■ 94, 72.204, 41.407

■ 34, 72.204, 41.407

■ 34, 72.204, 41.407

■ 34, 72.200, 41.407

■ 35, 66.010, 39.629

■ 37, 58.423, 37.663

■ 40, 50.125, 35.663

■ 43, 41.758, 33.952

■ 46, 33.631, 32.602

■ 50, 25.910, 31.585

■ 54, 18.674, 30.845

■ 58, 11.953, 30.320

■ 62, 5.738, 29.938

Harmonies

Complementary

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



34, 72.204, 41.407



54, 31.408, 216.361

Rectangle

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



34, 72.204, 41.407



34, 72.204, 91.407



34, 72.204, 221.407



34, 72.204, 271.407

Sweetspot

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



34, 72.200, 41.407



68, 23.157, 30.881



37, 75.813, 332.610



34, 16.019, 31.149



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



34, 72.200, 41.407



45, 88.267, 41.252



47, 58.672, 69.775



32, 3.272, 29.913



30, 66.472, 41.193



2, 4.965, 28.733

Inverse Universe

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



54, 31.408, 216.361



69, 38.093, 216.788



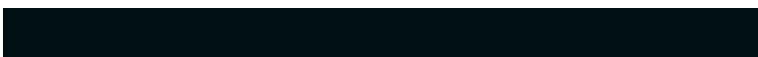
30, 61.272, 291.978



34, 3.086, 209.790



49, 29.160, 216.167



4, 4.801, 213.187

Previews

White Background



This preview shows how the CIELCh color 34, 72.204, 41.407 looks on a white background.

Color Contrast Check

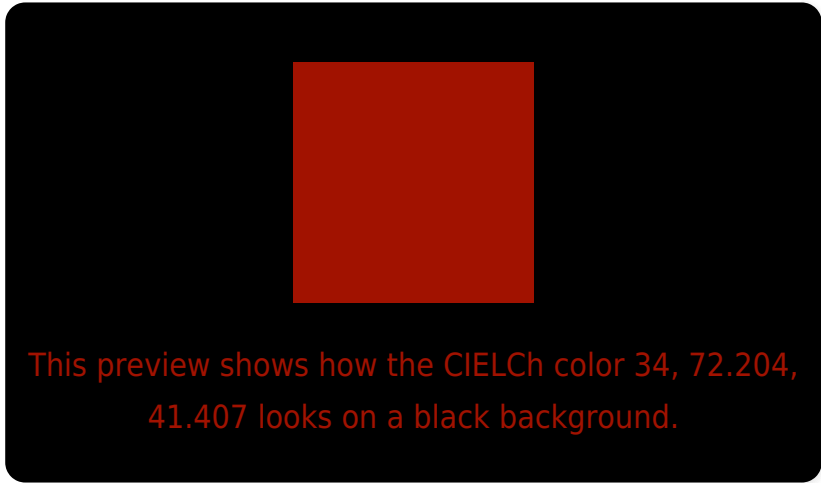
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

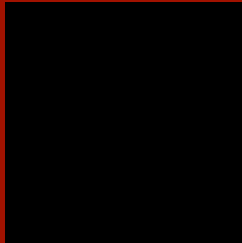
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 72.204, 41.407

Background



This preview shows how black text looks on a background with the CIELCh color 34, 72.204, 41.407.



This preview shows how white text looks on a background with the CIELCh color 34, 72.204, 41.407.

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, 72.204, 41.407

Protanopia

35, 35.969, 95.790

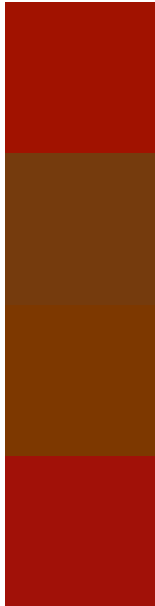
Deuteranopia

35, 43.555, 84.593



Tritanopia
34, 69.366, 38.208

Trichromacy



Original Color
34, 72.204, 41.407

Protanomaly
32, 43.238, 59.101

Deuteranomaly
32, 50.987, 57.850

Tritanomaly
34, 70.310, 39.246

Monochromacy



Original Color
34, 72.204, 41.407

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 27.431, 32.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 72.204, 41.407 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(161, 18, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 18, 0)  
}
```

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(161, 18, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 18, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 72.204, 41.407 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(161, 18, 0) }
```

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

```
.border{ border-color:rgb(161, 18, 0) }
```

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

Here you see how a box with a 4 pixel rgb(161, 18, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 18, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 18, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 18, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 72.204, 41.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 18, 0) }
```

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

```
.background{ background-color: rgb(161, 18,  
0) }
```

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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