

Converting Colors

CIELCh(34, 60.264, 13.470)

Have a look what the booklet for
CIELCh(34, 60.264, 13.470) contains.

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Color

CIELCh(34, 60.392, 13.517)

Conversions

Conversions Part 1

Format	Color
Hex	A2013D
RGB	162, 1, 61
RGB Percent	64%, 0%, 24%
CMY	0.3660, 0.9950, 0.7617
CMYK	0.00, 0.99, 0.62, 0.37
HSL	338°, 98%, 32%
HSV	338°, 99%, 63%
XYZ	15.6821, 8.0082, 5.0994
YIQ	55.9790, 76.6960, 52.7920

Conversions

Conversions Part 2

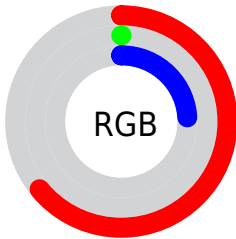
Format	Color
R_{YB}	162, 1, 61
Decimal	10617149
CIE Lab	34.00, 58.72, 14.12
CIE LCh	34, 60.392, 13.517
Yxy	8.0082, 0.5447, 0.2782
Android (android.graphics.Color)	4288807229 (0xFFA2013D)
YUV	55.9790, 2.4754, 92.9804
Hunter-Lab	28.2988, 49.3948, 9.1252

Details

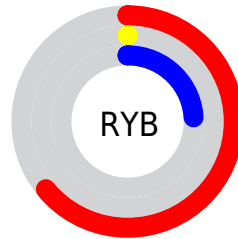
The CIELCh color **34, 60.392, 13.517** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **59, 54.321, 157.089**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 60.536, 13.486**, and **20, 46.640, 26.547** is the 20% darker color. If you saturate the color by 10%, you get **34, 60.609, 13.887**, and if you desaturate by 10%, it is **35, 57.790, 8.834**.

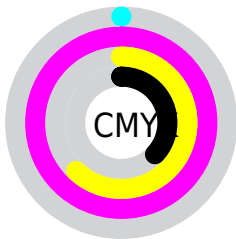
Distribution



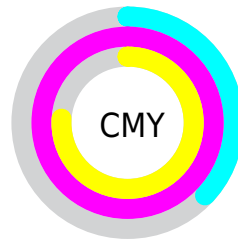
- Red (64%)
- Green (0%)
- Blue (24%)



- Red (64%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (99%)
- Yellow (62%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 60.392, 13.517 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, 60.392, 13.517 by changing the saturation by 10% instead.

 34, 60.392, 13.517

 34, 60.392, 13.517

 100, 60.392,
13.517

 24, 60.392, 13.517

 54, 60.392, 13.517

 14, 60.392, 13.517

 64, 60.392, 13.517

 4, 60.392, 13.517

 74, 60.392, 13.517

 0, 60.392, 13.517

 84, 60.392, 13.517

 94, 60.392, 13.517

 34, 60.392, 13.517

 34, 60.392, 13.517

 34, 60.609, 13.887

 35, 57.790, 8.834

■ 37, 54.205, 4.877

■ 39, 49.283, 1.738

■ 42, 43.213,
359.251

■ 45, 36.329,
357.254

■ 49, 28.976,
355.619

■ 53, 21.440,
354.247

■ 58, 13.928,
353.069

■ 62, 6.572, 352.021

Harmonies

Complementary

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



34, 60.392, 13.517



59, 54.321, 157.089

Rectangle

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



34, 60.392, 13.517



34, 60.392, 63.517



34, 60.392, 193.517



34, 60.392, 243.517

Sweetspot

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



34, 60.389, 13.519



67, 27.192, 354.419



28, 86.192, 315.016



33, 18.571, 354.945



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, 60.389, 13.519



44, 73.607, 14.990



34, 71.871, 41.339



32, 4.071, 352.028



30, 55.987, 13.354



1, 6.113, 353.518

Inverse Universe

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



34, 60.389, 13.519



44, 73.607, 14.990



54, 31.377, 217.204



32, 4.071, 352.028



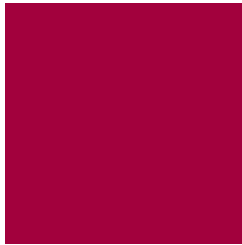
30, 55.987, 13.354



1, 6.113, 353.518

Previews

White Background



This preview shows how the CIELCh color 34, 60.392, 13.517 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, 60.392, 13.517 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, 60.392, 13.517

Background



This preview shows how black text looks on a background with the CIELCh color 34, 60.392, 13.517.



This preview shows how white text looks on a background with the CIELCh color 34, 60.392, 13.517.

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, 60.505, 13.433

Protanopia

35, 4.396, 296.346

Deuteranopia

35, 18.785, 74.365



Tritanopia
34, 65.082, 35.555

Trichromacy



Original Color
34, 60.505, 13.433

Protanomaly
31, 29.576, 352.795

Deuteranomaly
31, 33.770, 21.359

Tritanomaly
34, 62.731, 28.116

Monochromacy



Original Color
34, 60.505, 13.433

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 28.977, 358.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 60.392, 13.517 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(162, 1, 61)` looks like.

```
.text, #text, p{  
    color:rgb(162, 1, 61)  
}
```

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(162, 1, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 1, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 60.392, 13.517 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(162, 1, 61) }
```

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

```
.border{ border-color:rgb(162, 1, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 1, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 1, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 1, 61);  
box-shadow:4px 4px 4px 4px rgb(162, 1, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 60.392, 13.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 1, 61) }
```

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

```
.background{ background-color: rgb(162, 1,  
61) }
```

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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