

Converting Colors

CIELCh(34, 64.835, 26.190)

Have a look what the booklet for
CIELCh(34, 64.835, 26.190) contains.

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Color

CIELCh(34, 65.087, 26.516)

Conversions

Conversions Part 1

Format	Color
Hex	A40026
RGB	164, 0, 38
RGB Percent	64%, 0%, 15%
CMY	0.3580, 0.9984, 0.8518
CMYK	0.00, 1.00, 0.77, 0.36
HSL	346°, 100%, 32%
HSV	346°, 100%, 64%
XYZ	15.6001, 8.0082, 2.5404
YIQ	53.3680, 85.5460, 46.5860

Conversions

Conversions Part 2

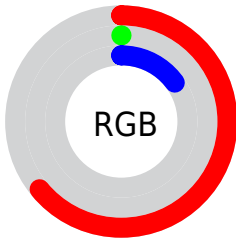
Format	Color
R_YB	164, 0, 38
Decimal	10747942
CIE Lab	34.00, 58.24, 29.06
CIE LCh	34, 65.087, 26.516
Yxy	8.0082, 0.5966, 0.3063
Android (android.graphics.Color)	4288938022 (0xFFA40026)
YUV	53.3680, -7.5764, 97.0243
Hunter-Lab	28.2988, 48.8777, 14.4867

Details

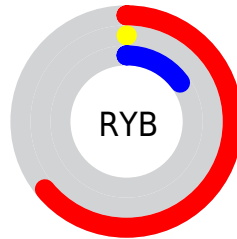
The CIELCh color **34, 65.087, 26.516** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **60, 46.138, 168.250**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 65.159, 26.235**, and **20, 50.932, 36.087** is the 20% darker color. If you saturate the color by 10%, you get **34, 65.198, 26.636**, and if you desaturate by 10%, it is **35, 60.713, 21.451**.

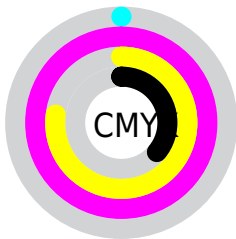
Distribution



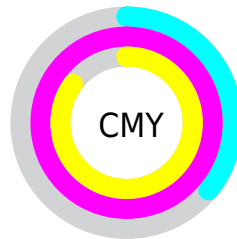
- Red (64%)
- Green (0%)
- Blue (15%)



- Red (64%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 65.087, 26.516 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, 65.087, 26.516 by changing the saturation by 10% instead.

 34, 65.087, 26.516

 34, 65.087, 26.516

 100, 65.087,
26.516

 24, 65.087, 26.516

 54, 65.087, 26.516

 14, 65.087, 26.516

 64, 65.087, 26.516

 4, 65.087, 26.516

 74, 65.087, 26.516

 0, 65.087, 26.516

 84, 65.087, 26.516

 94, 65.087, 26.516

 34, 65.087, 26.516

 34, 65.087, 26.516

 34, 65.198, 26.636

 35, 60.713, 21.451

■ 37, 55.751, 16.859

■ 39, 49.854, 13.109

■ 42, 43.150, 10.125

■ 45, 35.906, 7.757

■ 49, 28.418, 5.860

■ 54, 20.930, 4.313

■ 58, 13.612, 3.024

■ 63, 6.566, 1.910

Harmonies

Complementary

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



34, 65.087, 26.516



60, 46.138, 168.250

Rectangle

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



34, 65.087, 26.516



34, 65.087, 76.516



34, 65.087, 206.516



34, 65.087, 256.516

Sweetspot

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



34, 65.084, 26.518



68, 26.050, 4.426



32, 84.860, 319.634



34, 18.040, 5.020



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



34, 65.084, 26.518



44, 79.610, 27.753



37, 68.646, 46.191



32, 3.794, 1.858



30, 59.481, 26.016



1, 5.728, 2.682

Inverse Universe

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



34, 65.084, 26.518



44, 79.610, 27.753



47, 33.359, 249.058



32, 3.794, 1.858



30, 59.481, 26.016



1, 5.728, 2.682

Previews

White Background



This preview shows how the CIELCh color 34, 65.087, 26.516 looks on a white background.

Color Contrast Check

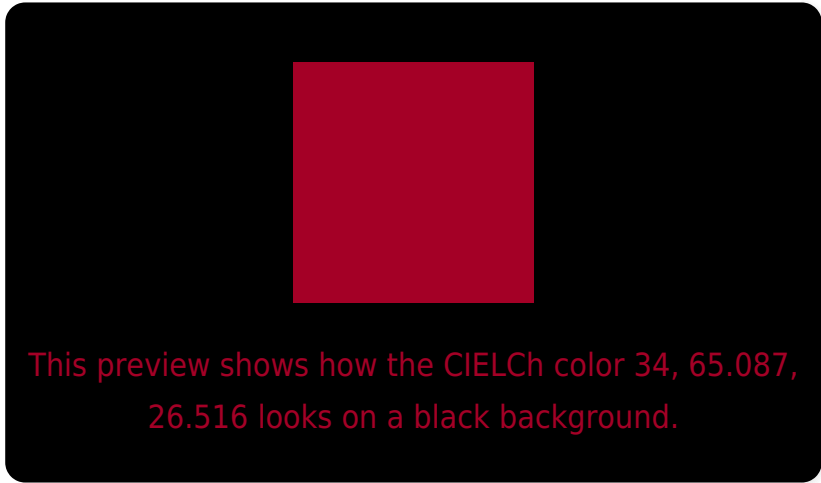
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.087, 26.516

Background



This preview shows how black text looks on a background with the CIELCh color 34, 65.087, 26.516.



This preview shows how white text looks on a background with the CIELCh color 34, 65.087, 26.516.

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, 65.182, 26.425

Protanopia

35, 16.373, 95.652

Deuteranopia

35, 33.353, 82.074



Tritanopia
34, 71.162, 39.146

Trichromacy



Original Color
34, 65.182, 26.425

Protanomaly
31, 31.741, 28.816

Deuteranomaly
31, 42.109, 40.975

Tritanomaly
34, 69.002, 35.360

Monochromacy



Original Color
34, 65.182, 26.425

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 28.807, 10.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 65.087, 26.516 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, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(164, 0, 38)  
}
```

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, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 0, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 65.087, 26.516 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, 0, 38) }
```

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

```
.border{ border-color:rgb(164, 0, 38) }
```

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

Here you see how a box with a 4 pixel rgb(164, 0, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 0, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 0, 38);  
box-shadow:4px 4px 4px 4px rgb(164, 0, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 65.087, 26.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 0, 38) }
```

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

```
.background{ background-color: rgb(164, 0,  
38) }
```

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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