

Converting Colors

CIELCh(34, 16.001, 326.865)

Have a look what the booklet for
CIELCh(34, 16.001, 326.865)
contains.

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Color

CIELCh(34, 16.030, 326.876)

Conversions

Conversions Part 1

Format	Color
Hex	5F495E
RGB	95, 73, 94
RGB Percent	37%, 29%, 37%
CMY	0.6274, 0.7137, 0.6313
CMYK	0.00, 0.23, 0.01, 0.63
HSL	303°, 13%, 33%
HSV	303°, 23%, 37%
XYZ	9.1244, 8.0082, 11.6569
YIQ	81.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

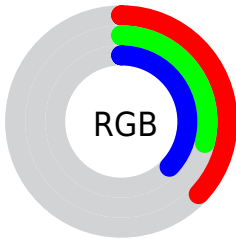
Format	Color
RYB	95, 73, 94
Decimal	6244702
CIELab	34.00, 13.42, -8.76
CIElCh	34, 16.030, 326.876
Yxy	8.0082, 0.3169, 0.2782
Android (android.graphics.Color)	4284434782 (0xFF5F495E)
YUV	81.9720, 5.9298, 11.4256
Hunter-Lab	28.2988, 8.0312, -4.6136

Details

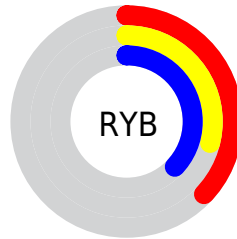
The CIELCh color $[34, 16.030, 326.876]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[38, 16.014, 144.268]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 15.762, 327.675]$, and $[14, 15.930, 326.203]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 22.908, 327.395]$, and if you desaturate by 10%, it is $[37, 9.081, 326.347]$.

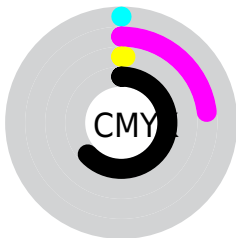
Distribution



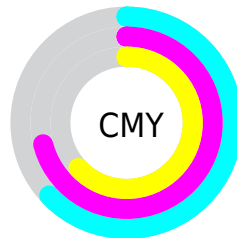
- Red (37%)
- Green (29%)
- Blue (37%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (63%)





- Cyan (63%)
- Magenta (71%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 16.030, 326.876 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, 16.030, 326.876 by changing the saturation by 10% instead.


 34, 16.030,
326.876


 34, 16.030,
326.876

 100, 16.030,
326.876


 24, 16.030,
326.876

 54, 16.030,
326.876


 14, 16.030,
326.876


 64, 16.030,
326.876

 4, 16.030, 326.876

 74, 16.030,
326.876

 0, 16.030, 326.876

 84, 16.030,
326.876

 94, 16.030,
326.876

■ 34, 16.030,
326.876

■ 34, 16.030,
326.876

■ 31, 22.908,
327.395

■ 37, 9.081, 326.347

■ 39, 2.166, 325.772

■ 29, 29.578,
327.897

■ 42, 4.645, 145.368

■ 27, 35.850,
328.371

■ 45, 11.308,
144.852

■ 25, 41.504,
328.807

■ 48, 17.800,
144.369

■ 23, 46.296,
329.197

■ 51, 24.108,
143.910

■ 22, 50.011,
329.532

■ 54, 30.227,
143.475

■ 21, 52.601,
329.817

■ 57, 36.162,
143.064

■ 21, 54.268,

330.003

■ 60, 41.918,
142.676

Harmonies

Complementary

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



34, 16.030, 326.876



38, 16.014, 144.268

Rectangle

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



34, 16.030, 326.876



34, 16.030, 16.876



34, 16.030, 146.876



34, 16.030, 196.876

Sweetspot

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



34, 16.029, 326.876



49, 5.934, 326.023



32, 13.979, 293.803



24, 3.820, 326.037



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 16.029, 326.876



42, 23.868, 327.172



34, 11.505, 347.447



18, 3.927, 326.117



25, 60.970, 330.040



56, 106.355, 330.159

Inverse Universe

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



34, 16.029, 326.876



42, 23.868, 327.172



38, 11.149, 163.553



18, 3.927, 326.117



25, 60.970, 330.040



56, 106.355, 330.159

Previews

White Background



This preview shows how the CIELCh color 34, 16.030, 326.876 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 34, 16.030, 326.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

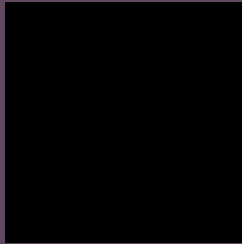
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 16.030, 326.876

Background



This preview shows how black text looks on a background with the CIELCh color 34, 16.030, 326.876.



This preview shows how white text looks on a background with the CIELCh color 34, 16.030, 326.876.

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

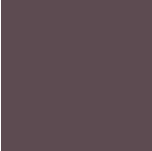
34, 16.030, 326.876

Protanopia

34, 11.953, 286.595

Deuteranopia

34, 9.590, 301.520



Tritanopia
34, 8.735, 355.449

Trichromacy



Original Color
34, 16.030, 326.876

Protanomaly
34, 12.840, 303.018

Deuteranomaly
34, 11.651, 314.742

Tritanomaly
34, 11.411, 340.169

Monochromacy



Original Color
34, 16.030, 326.876

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 5.574, 328.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 16.030, 326.876 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, 73, 94)` looks like.

```
.text, #text, p{  
    color:rgb(95, 73, 94)  
}
```

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, 73, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 73, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 16.030, 326.876 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, 73, 94) }
```

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

```
.border{ border-color:rgb(95, 73, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 73, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 73, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 73, 94);  
box-shadow:4px 4px 4px 4px rgb(95, 73, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 16.030, 326.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 73, 94) }
```

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

```
.background{ background-color: rgb(95, 73,  
94) }
```

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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