

Converting Colors

CIELCh(34, 17.766, 311.054)

Have a look what the booklet for
CIELCh(34, 17.766, 311.054)
contains.

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Color

CIELCh(34, 18.053, 312.113)

Conversions

Conversions Part 1

Format	Color
Hex	594A65
RGB	89, 74, 101
RGB Percent	35%, 29%, 40%
CMY	0.6500, 0.7089, 0.6030
CMYK	0.12, 0.27, 0.00, 0.60
HSL	273°, 15%, 34%
HSV	273°, 27%, 40%
XYZ	8.9677, 8.0082, 13.4473
YIQ	81.5630, 0.2730, 11.5770

Conversions

Conversions Part 2

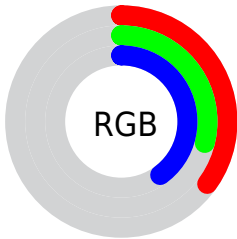
Format	Color
R_{YB}	89, 74, 101
Decimal	5851749
CIE _{Lab}	34.00, 12.11, -13.39
CIE _{LCh}	34, 18.053, 312.113
Yxy	8.0082, 0.2948, 0.2632
Android (android.graphics.Color)	4284041829 (0xFF594A65)
YUV	81.5630, 9.5824, 6.5222
Hunter-Lab	28.2988, 7.0424, -8.3649




Details

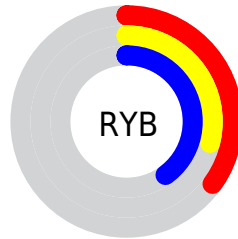
The CIELCh color $34, 18.053, 312.113$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $41, 17.518, 129.864$, and the grayscale version is $35, 0.005, 296.813$.




A 20% lighter version of the original color is $54, 17.869, 311.676$, and $14, 17.998, 312.287$ is the 20% darker color. If you saturate the color by 10%, you get $31, 25.047, 312.574$, and if you desaturate by 10%, it is $37, 11.160, 311.664$.

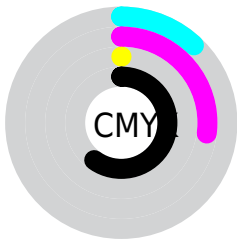
Distribution







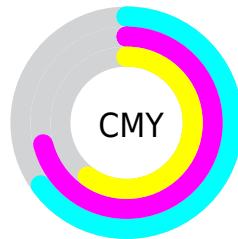
-  Red (35%)
-  Green (29%)
-  Blue (40%)






-  Red (35%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (12%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (60%)





-  Cyan (65%)
-  Magenta (71%)
-  Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 18.053, 312.113 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, 18.053, 312.113 by changing the saturation by 10% instead.


 34, 18.053,
312.113


 34, 18.053,
312.113

 100, 18.053,
312.113


 24, 18.053,
312.113

 54, 18.053,
312.113


 14, 18.053,
312.113


 64, 18.053,
312.113

 4, 18.053, 312.113

 74, 18.053,
312.113

 0, 18.053, 312.113

 84, 18.053,
312.113

 94, 18.053,
312.113

■ 34, 18.053,
312.113

■ 34, 18.053,
312.113

■ 31, 25.047,
312.574

■ 37, 11.160,
311.664

■ 28, 32.066,
313.032

■ 41, 4.416, 311.232

■ 25, 38.979,
313.456

■ 44, 2.157, 130.901

■ 47, 8.548, 130.518

■ 22, 45.582,
313.805

■ 51, 14.757,
130.193

■ 19, 51.585,
314.018

■ 54, 20.786,
129.905

■ 17, 56.617,
314.018

■ 57, 26.642,
129.649

■ 15, 60.770,
313.864

■ 61, 32.332,
129.423

■ 14, 62.264,

313.871

■ 64, 37.864,
129.225

Harmonies

Complementary

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



34, 18.053, 312.113



41, 17.518, 129.864

Rectangle

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



34, 18.053, 312.113



34, 18.053, 2.113



34, 18.053, 132.113



34, 18.053, 182.113

Sweetspot

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



34, 18.052, 312.113



52, 6.613, 311.299



36, 10.182, 264.452



26, 4.668, 311.349



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



34, 18.052, 312.113



42, 27.190, 312.401



35, 19.403, 327.203



19, 3.744, 311.329



17, 68.124, 313.710



40, 118.795, 313.045

Inverse Universe

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



35, 13.830, 349.146



43, 20.786, 349.833



40, 19.389, 144.113



19, 2.871, 347.433



23, 46.845, 5.131



52, 81.246, 8.273

Previews

White Background



This preview shows how the CIELCh color 34, 18.053, 312.113 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, 18.053, 312.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

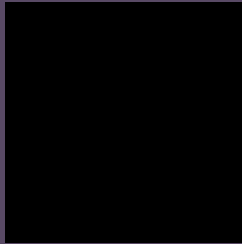
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 18.053, 312.113

Background



This preview shows how black text looks on a background with the CIELCh color 34, 18.053, 312.113.

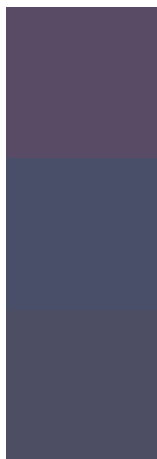


This preview shows how white text looks on a background with the CIELCh color 34, 18.053, 312.113.

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, 18.053, 312.113

Protanopia

34, 16.392, 285.116

Deuteranopia

34, 13.821, 290.917



Tritanopia
34, 5.112, 332.858

Trichromacy



Original Color
34, 18.053, 312.113

Protanomaly
34, 17.007, 295.579

Deuteranomaly
34, 14.577, 298.751

Tritanomaly
34, 9.206, 318.448

Monochromacy



Original Color
34, 18.053, 312.113

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 6.780, 312.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 18.053, 312.113 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(89, 74, 101)` looks like.

```
.text, #text, p{  
    color:rgb(89, 74, 101)  
}
```

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(89, 74, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 74, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 18.053, 312.113 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(89, 74, 101) }
```

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

```
.border{ border-color:rgb(89, 74, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 74, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 74, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 74, 101);  
box-shadow:4px 4px 4px 4px rgb(89, 74,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 18.053, 312.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 74, 101) }
```

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

```
.background{ background-color: rgb(89, 74,  
101) }
```

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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