

Converting Colors

CIELCh(34, 18.345, 297.957)

Have a look what the booklet for
CIELCh(34, 18.345, 297.957)
contains.

CIELCh(34, 18.306, 297.934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(34, 18.306, 297.934)

Conversions

Conversions Part 1

Format	Color
Hex	514D6A
RGB	81, 77, 106
RGB Percent	32%, 30%, 42%
CMY	0.6841, 0.6997, 0.5861
CMYK	0.24, 0.27, 0.00, 0.59
HSL	248°, 16%, 36%
HSV	248°, 27%, 41%
XYZ	8.5568, 8.0082, 14.6055
YIQ	81.5020, -6.9250, 9.8670

Conversions

Conversions Part 2

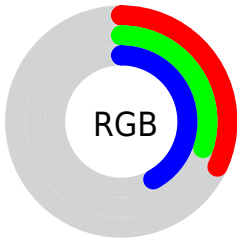
Format	Color
R_{YB}	81, 77, 106
Decimal	5328234
CIE _{Lab}	34.00, 8.58, -16.17
CIE _{LCh}	34, 18.306, 297.934
Yxy	8.0082, 0.2745, 0.2569
Android (android.graphics.Color)	4283518314 (0xFF514D6A)
YUV	81.5020, 12.0775, -0.4403
Hunter-Lab	28.2988, 4.4508, -10.7914

Details

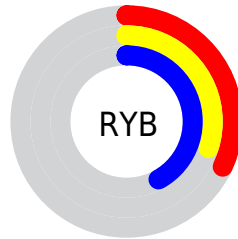
The CIELCh color $[34, 18.306, 297.934]$ is a dark color, and the websafe version is hex `666699`. A complement of this color would be $[44, 17.253, 113.606]$, and the grayscale version is $[34, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 18.025, 298.095]$, and $[14, 18.544, 297.506]$ is the 20% darker color. If you saturate the color by 10%, you get $[30, 25.447, 299.035]$, and if you desaturate by 10%, it is $[38, 11.421, 296.969]$.

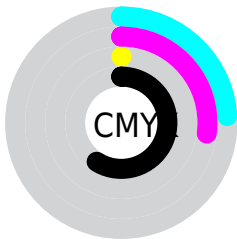
Distribution



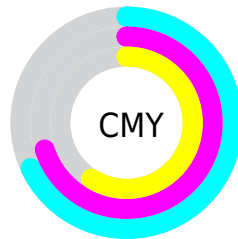
- Red (32%)
- Green (30%)
- Blue (42%)



- Red (32%)
- Yellow (30%)
- Blue (42%)



- Cyan (24%)
- Magenta (27%)
- Yellow (0%)
- Black (59%)





- Cyan (68%)
- Magenta (70%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 18.306, 297.934 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, 18.306, 297.934 by changing the saturation by 10% instead.


 34, 18.306,
297.934

 34, 18.306,
297.934

 100, 18.306,
297.934


 24, 18.306,
297.934

 54, 18.306,
297.934

 14, 18.306,
297.934

 64, 18.306,
297.934

 4, 18.306, 297.934

 74, 18.306,
297.934

 0, 18.306, 297.934

 84, 18.306,
297.934

 94, 18.306,
297.934

■ 34, 18.306,
297.934

■ 34, 18.306,
297.934

■ 30, 25.447,
299.035

■ 38, 11.421,
296.969

■ 26, 32.835,
300.275

■ 42, 4.790, 296.131

■ 46, 1.601, 115.399

■ 23, 40.412,
301.637

■ 49, 7.765, 114.775

■ 19, 48.032,
303.071

■ 53, 13.717,
114.233

■ 16, 55.382,
304.473

■ 57, 19.470,
113.763

■ 13, 61.887,
305.671


■ 61, 25.038,
113.356

■ 11, 67.485,
306.740

■ 64, 30.433,
113.003

■ 10, 69.050,

307.106

 68, 35.664,
112.697

Harmonies

Complementary

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



34, 18.306, 297.934



44, 17.253, 113.606

Rectangle

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



34, 18.306, 297.934



34, 18.306, 347.934



34, 18.306, 117.934



34, 18.306, 167.934

Sweetspot

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



34, 18.305, 297.933



54, 6.406, 296.192



41, 9.780, 212.261



27, 4.528, 296.286



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



34, 18.305, 297.933



41, 27.711, 298.631



35, 19.531, 314.697



20, 3.665, 296.252



12, 74.512, 307.033



32, 128.826, 306.727

Inverse Universe

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



36, 19.453, 329.992



45, 29.035, 330.371



42, 19.055, 132.417



21, 4.008, 328.915



26, 58.705, 334.311



56, 100.412, 334.726

Previews

White Background



This preview shows how the CIELCh color 34, 18.306, 297.934 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, 18.306, 297.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

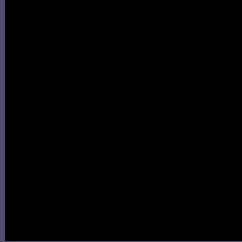
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 18.306, 297.934

Background



This preview shows how black text looks on a background with the CIELCh color 34, 18.306, 297.934.

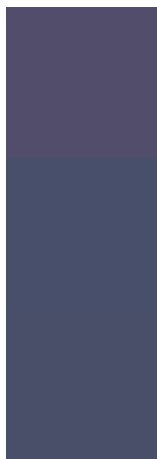


This preview shows how white text looks on a background with the CIELCh color 34, 18.306, 297.934.

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

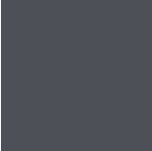
34, 18.306, 297.934

Protanopia

34, 17.663, 284.794

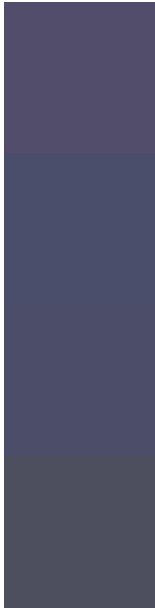
Deuteranopia

34, 16.356, 286.380



Tritanopia
34, 4.538, 275.088

Trichromacy



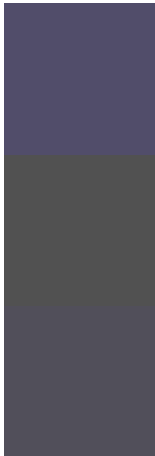
Original Color
34, 18.306, 297.934

Protanomaly
34, 17.585, 289.499

Deuteranomaly
34, 16.950, 290.491

Tritanomaly
34, 9.416, 289.348

Monochromacy



Original Color
34, 18.306, 297.934

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 6.967, 298.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 18.306, 297.934 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(81, 77, 106)` looks like.

```
.text, #text, p{  
    color:rgb(81, 77, 106)  
}
```

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(81, 77, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 77, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 18.306, 297.934 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(81, 77, 106) }
```

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

```
.border{ border-color:rgb(81, 77, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 77, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 77, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 77, 106);  
box-shadow:4px 4px 4px 4px rgb(81, 77,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 18.306, 297.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 77, 106) }
```

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

```
.background{ background-color: rgb(81, 77,  
106) }
```

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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