

Converting Colors

CIELCh(34, 18.613, 321.834)

Have a look what the booklet for
CIELCh(34, 18.613, 321.834)
contains.

CIELCh(34, 18.826, 322.453)	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, 18.826, 322.453)

Conversions

Conversions Part 1

Format	Color
Hex	5F4862
RGB	95, 72, 98
RGB Percent	37%, 28%, 38%
CMY	0.6263, 0.7165, 0.6145
CMYK	0.03, 0.26, 0.00, 0.61
HSL	293°, 15%, 33%
HSV	293°, 26%, 39%
XYZ	9.3051, 8.0082, 12.6848
YIQ	81.8410, 5.3620, 12.9620

Conversions

Conversions Part 2

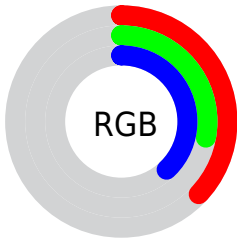
Format	Color
RYB	95, 72, 98
Decimal	6244450
CIELab	34.00, 14.93, -11.47
CIELCh	34, 18.826, 322.453
Yxy	8.0082, 0.3102, 0.2670
Android (android.graphics.Color)	4284434530 (0xFF5F4862)
YUV	81.8410, 7.9664, 11.5404
Hunter-Lab	28.2988, 9.1709, -6.7672

Details

The CIELCh color $[34, 18.826, 322.453]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[39, 18.708, 139.883]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 18.811, 322.386]$, and $[14, 18.462, 322.591]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 25.922, 322.885]$, and if you desaturate by 10%, it is $[37, 11.667, 322.003]$.

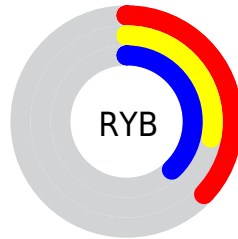
Distribution



 Red (37%)

 Green (28%)

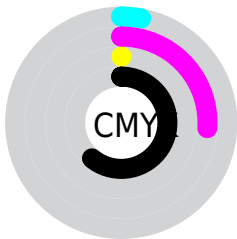
 Blue (38%)



 Red (37%)

 Yellow (28%)

 Blue (38%)

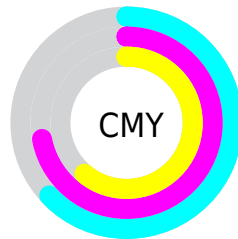


 Cyan (3%)

 Magenta (26%)

 Yellow (0%)

 Black (61%)



 Cyan (63%)


 Magenta (72%)


 Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 18.826, 322.453 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, 18.826, 322.453 by changing the saturation by 10% instead.


 34, 18.826,
322.453


 34, 18.826,
322.453

 100, 18.826,
322.453


 24, 18.826,
322.453

 54, 18.826,
322.453

 14, 18.826,
322.453


 64, 18.826,
322.453

 4, 18.826, 322.453

 74, 18.826,
322.453

 0, 18.826, 322.453

 84, 18.826,
322.453

 94, 18.826,
322.453

■ 34, 18.826,
322.453

■ 34, 18.826,
322.453

■ 31, 25.922,
322.885

■ 37, 11.667,
322.003

■ 29, 32.816,
323.284

■ 40, 4.550, 321.538

■ 43, 2.460, 141.184

■ 26, 39.316,
323.630

■ 46, 9.323, 140.717

■ 24, 45.184,
323.899

■ 49, 16.013,
140.304

■ 23, 50.155,
324.066

■ 52, 22.522,
139.916

■ 21, 53.983,
324.106


■ 55, 28.844,
139.554

■ 20, 56.855,
324.045

■ 58, 34.982,
139.216

■ 20, 57.897,

324.033

 61, 40.942,
138.902

Harmonies

Complementary

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



34, 18.826, 322.453



39, 18.708, 139.883

Rectangle

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



34, 18.826, 322.453



34, 18.826, 12.453



34, 18.826, 142.453



34, 18.826, 192.453

Sweetspot

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



34, 18.825, 322.453



50, 6.986, 321.623



33, 14.541, 288.125



25, 4.925, 321.677



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



34, 18.825, 322.453



42, 28.198, 322.736



34, 14.926, 339.798



18, 3.909, 321.653



23, 63.573, 323.968



52, 111.213, 323.709

Inverse Universe

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



34, 11.874, 12.343



41, 18.093, 13.162



39, 14.684, 155.824



18, 2.364, 10.528



22, 52.071, 32.296



50, 94.586, 35.805

Previews

White Background



This preview shows how the CIELCh color 34, 18.826, 322.453 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, 18.826, 322.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

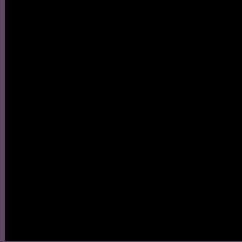
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 18.826, 322.453

Background



This preview shows how black text looks on a background with the CIELCh color 34, 18.826, 322.453.



This preview shows how white text looks on a background with the CIELCh color 34, 18.826, 322.453.

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, 18.826, 322.453

Protanopia

34, 15.120, 285.566

Deuteranopia

34, 11.955, 294.091



Tritanopia
34, 8.735, 355.449

Trichromacy



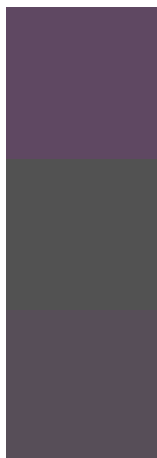
Original Color
34, 18.826, 322.453

Protanomaly
34, 15.246, 300.031

Deuteranomaly
34, 13.746, 307.569

Tritanomaly
34, 11.810, 337.831

Monochromacy



Original Color
34, 18.826, 322.453

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 7.360, 322.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 18.826, 322.453 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, 72, 98)` looks like.

```
.text, #text, p{  
    color:rgb(95, 72, 98)  
}
```

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, 72, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 72, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 18.826, 322.453 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, 72, 98) }
```

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

```
.border{ border-color:rgb(95, 72, 98) }
```

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

Here you see how a box with a 4 pixel rgb(95, 72, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 72, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 72, 98);  
box-shadow:4px 4px 4px 4px rgb(95, 72, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 18.826, 322.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 72, 98) }
```

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

```
.background{ background-color: rgb(95, 72,  
98) }
```

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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