

Converting Colors

CIELCh(34, 13.301, 347.832)

Have a look what the booklet for
CIELCh(34, 13.301, 347.832)
contains.

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Color

CIELCh(34, 13.135, 346.915)

Conversions

Conversions Part 1

Format	Color
Hex	624955
RGB	98, 73, 85
RGB Percent	38%, 29%, 33%
CMY	0.6159, 0.7139, 0.6668
CMYK	0.00, 0.26, 0.13, 0.62
HSL	331°, 15%, 34%
HSV	331°, 26%, 38%
XYZ	9.0492, 8.0082, 9.6534
YIQ	81.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

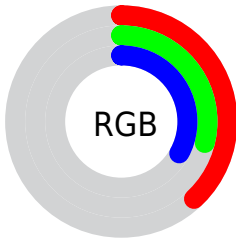
Format	Color
RYB	98, 73, 85
Decimal	6441301
CIELab	34.00, 12.79, -2.97
CIElCh	34, 13.135, 346.915
Yxy	8.0082, 0.3388, 0.2998
Android (android.graphics.Color)	4284631381 (0xFF624955)
YUV	81.8430, 1.5564, 14.1697
Hunter-Lab	28.2988, 7.5566, -0.4161

Details

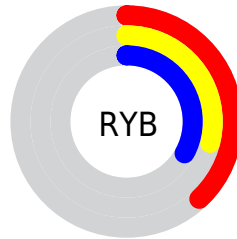
The CIELCh color $[34, 13.135, 346.915]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[39, 12.712, 162.591]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 13.100, 346.203]$, and $[14, 13.096, 347.145]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 18.363, 347.966]$, and if you desaturate by 10%, it is $[37, 7.915, 345.977]$.

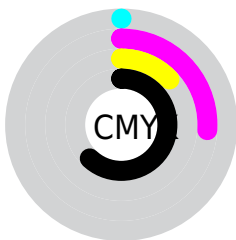
Distribution



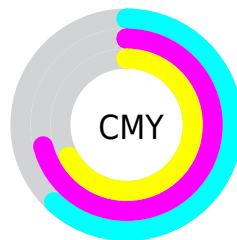
- Red (38%)
- Green (29%)
- Blue (33%)



- Red (38%)
- Yellow (29%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (13%)
- Black (62%)





- Cyan (62%)
- Magenta (71%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 13.135, 346.915 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, 13.135, 346.915 by changing the saturation by 10% instead.


 34, 13.135,
346.915


 34, 13.135,
346.915

 100, 13.135,
346.915


 24, 13.135,
346.915

 54, 13.135,
346.915


 14, 13.135,
346.915


 64, 13.135,
346.915

 4, 13.135, 346.915

 74, 13.135,
346.915

 0, 13.135, 346.915

 84, 13.135,
346.915

 94, 13.135,
346.915

34, 13.135,
346.915

34, 13.135,
346.915

31, 18.363,
347.966

37, 7.915, 345.977

29, 23.490,
349.162

40, 2.782, 345.085

43, 2.221, 164.524

26, 28.352,
350.556

46, 7.071, 163.752

24, 32.744,
352.217

49, 11.759,
163.097

22, 36.431,
354.241

52, 16.286,
162.496

21, 39.201,
356.748

55, 20.656,
161.941

20, 41.169,
359.718

58, 24.878,
161.424

19, 42.112, 0.998

61, 28.963,

Harmonies

Complementary

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



34, 13.135, 346.915



39, 12.712, 162.591

Rectangle

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



34, 13.135, 346.915



34, 13.135, 36.915



34, 13.135, 166.915



34, 13.135, 216.915

Sweetspot

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



34, 13.134, 346.917



50, 5.026, 345.333



33, 16.660, 310.757



25, 3.546, 345.433



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, 13.134, 346.917



42, 19.888, 347.574



34, 11.231, 22.477



18, 2.814, 345.389



23, 46.281, 1.747



52, 80.611, 4.736

Inverse Universe

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



34, 13.134, 346.917



42, 19.888, 347.574



39, 9.569, 199.767



18, 2.814, 345.389



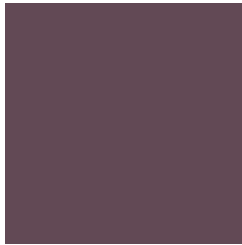
23, 46.281, 1.747



52, 80.611, 4.736

Previews

White Background



This preview shows how the CIE LCh color 34, 13.135, 346.915 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, 13.135, 346.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

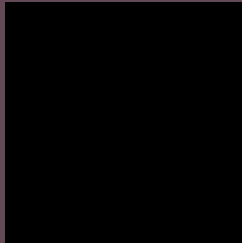
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 13.135, 346.915

Background



This preview shows how black text looks on a background with the CIELCh color 34, 13.135, 346.915.



This preview shows how white text looks on a background with the CIELCh color 34, 13.135, 346.915.

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, 13.135, 346.915

Protanopia

34, 5.649, 286.968

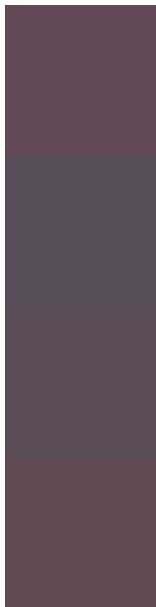
Deuteranopia

34, 5.112, 332.858



Tritanopia
34, 10.818, 1.023

Trichromacy



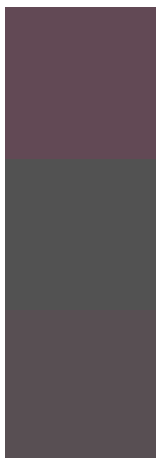
Original Color
34, 13.135, 346.915

Protanomaly
34, 7.913, 319.852

Deuteranomaly
34, 7.861, 341.107

Tritanomaly
34, 11.231, 354.959

Monochromacy



Original Color
34, 13.135, 346.915

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 4.638, 347.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 13.135, 346.915 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(98, 73, 85)` looks like.

```
.text, #text, p{  
    color:rgb(98, 73, 85)  
}
```

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(98, 73, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 73, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 13.135, 346.915 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(98, 73, 85) }
```

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

```
.border{ border-color:rgb(98, 73, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 73, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 73, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 73, 85);  
box-shadow:4px 4px 4px 4px rgb(98, 73, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 13.135, 346.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 73, 85) }
```

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

```
.background{ background-color: rgb(98, 73,  
85) }
```

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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