

Converting Colors

CIELCh(34, 16.464, 343.883)

Have a look what the booklet for
CIELCh(34, 16.464, 343.883)
contains.

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Color

CIELCh(34, 16.590, 342.581)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 654758 |
| RGB | 101, 71, 88 |
| RGB Percent | 40%, 28%, 35% |
| CMY | 0.6033, 0.7210, 0.6543 |
| CMYK | 0.00, 0.30, 0.13, 0.60 |
| HSL | 326°, 17%, 34% |
| HSV | 326°, 30%, 40% |
| XYZ | 9.4149, 8.0082, 10.3151 |
| YIQ | 81.9080, 12.4230, 11.6470 |

Conversions

Conversions Part 2

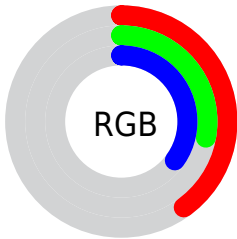
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 101, 71, 88 |
| Decimal | 6637400 |
| CIE _{Lab} | 34.00, 15.83, -4.97 |
| CIE _{LCh} | 34, 16.590, 342.581 |
| Yxy | 8.0082, 0.3394, 0.2887 |
| Android (android.graphics.Color) | 4284827480 (0xFF654758) |
| YUV | 81.9080, 3.0034, 16.7437 |
| Hunter-Lab | 28.2988, 9.8635, -1.8024 |

Details

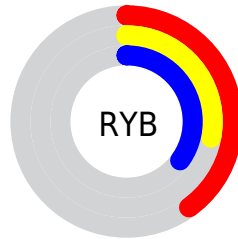
The CIELCh color $[34, 16.590, 342.581]$ is a dark color, and the websafe version is hex `663333`. A complement of this color would be $[40, 16.193, 157.798]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 16.345, 342.109]$, and $[14, 16.451, 341.453]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 22.162, 343.548]$, and if you desaturate by 10%, it is $[37, 10.945, 341.707]$.

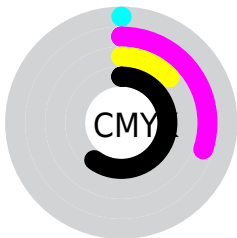
Distribution



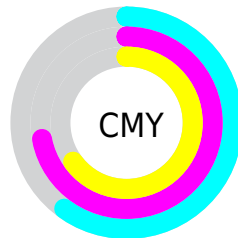
- Red (40%)
- Green (28%)
- Blue (35%)



- Red (40%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (60%)





- Cyan (60%)
- Magenta (72%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 16.590, 342.581 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, 16.590, 342.581 by changing the saturation by 10% instead.


 34, 16.590,
342.581


 34, 16.590,
342.581

 100, 16.590,
342.581


 24, 16.590,
342.581

 54, 16.590,
342.581


 14, 16.590,
342.581


 64, 16.590,
342.581

 4, 16.590, 342.581

 74, 16.590,
342.581

 0, 16.590, 342.581

 84, 16.590,
342.581

 94, 16.590,
342.581

34, 16.590,
342.581

34, 16.590,
342.581

31, 22.162,
343.548

37, 10.945,
341.707

29, 27.518,
344.635

40, 5.334, 340.893

26, 32.455,
345.884

43, 0.179, 161.512

46, 5.554, 159.576

24, 36.732,
347.352

49, 10.773,
158.929

23, 40.097,
349.120

52, 15.829,
158.337

21, 42.348,
351.291


56, 20.721,
157.787

20, 44.090,
353.647

59, 25.457,
157.272

20, 44.153,

353.723

 62, 30.044,
156.791

Harmonies

Complementary

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



34, 16.590, 342.581



40, 16.193, 157.798

Rectangle

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



34, 16.590, 342.581



34, 16.590, 32.581



34, 16.590, 162.581



34, 16.590, 212.581

Sweetspot

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



34, 16.588, 342.582



52, 6.202, 340.861



33, 19.728, 308.178



26, 4.279, 340.947



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, 16.588, 342.582



42, 25.146, 343.288



34, 13.741, 16.512



20, 3.117, 340.834



24, 48.156, 354.247



53, 82.733, 356.500

Inverse Universe

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



34, 16.588, 342.582



42, 25.146, 343.288



41, 11.661, 191.957



20, 3.117, 340.834



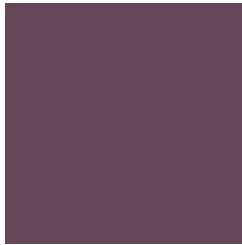
24, 48.156, 354.247



53, 82.733, 356.500

Previews

White Background



This preview shows how the CIELCh color 34, 16.590, 342.581 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, 16.590, 342.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

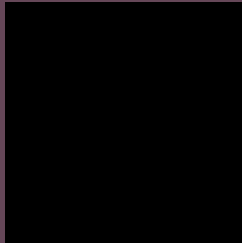
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 16.590, 342.581

Background



This preview shows how black text looks on a background with the CIELCh color 34, 16.590, 342.581.

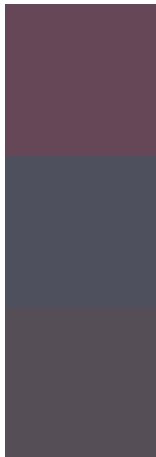


This preview shows how white text looks on a background with the CIELCh color 34, 16.590, 342.581.

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, 16.590, 342.581

Protanopia

34, 8.791, 286.443

Deuteranopia

34, 6.404, 318.537



Tritanopia
34, 12.439, 7.050

Trichromacy



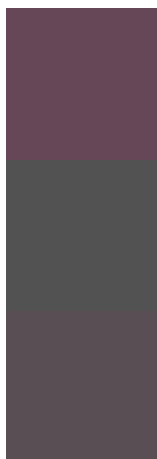
Original Color
34, 16.590, 342.581

Protanomaly
34, 10.170, 313.118

Deuteranomaly
34, 9.421, 333.973

Tritanomaly
34, 13.736, 354.839

Monochromacy



Original Color
34, 16.590, 342.581

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 6.063, 342.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 16.590, 342.581 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(101, 71, 88)` looks like.

```
.text, #text, p{  
    color:rgb(101, 71, 88)  
}
```

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(101, 71, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 71, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 16.590, 342.581 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(101, 71, 88) }
```

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

```
.border{ border-color:rgb(101, 71, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 71, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 71, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 71, 88);  
box-shadow:4px 4px 4px 4px rgb(101, 71,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 16.590, 342.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 71, 88) }
```

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

```
.background{ background-color: rgb(101, 71,  
88) }
```

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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