

Converting Colors

CIELCh(34, 5.485, 59.655)

Have a look what the booklet for
CIELCh(34, 5.485, 59.655) contains.

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Color

CIELCh(34, 5.493, 54.434)

Conversions

Conversions Part 1

Format	Color
Hex	584E49
RGB	88, 78, 73
RGB Percent	35%, 31%, 29%
CMY	0.6548, 0.6940, 0.7137
CMYK	0.00, 0.11, 0.17, 0.65
HSL	20°, 9%, 32%
HSV	20°, 17%, 35%
XYZ	7.9551, 8.0082, 7.4328
YIQ	80.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

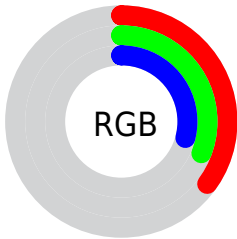
Format	Color
RYB	88, 81, 73
Decimal	5787209
CIELab	34.00, 3.19, 4.47
CIELCh	34, 5.493, 54.434
Yxy	8.0082, 0.3400, 0.3423
Android (android.graphics.Color)	4283977289 (0xFF584E49)
YUV	80.4200, -3.6581, 6.6477
Hunter-Lab	28.2988, 0.6556, 4.2364

Details

The CIELCh color $[34, 5.493, 54.434]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[35, 5.064, 237.262]$, and the grayscale version is $[34, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 5.331, 52.255]$, and $[14, 5.547, 59.639]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 9.014, 53.806]$, and if you desaturate by 10%, it is $[36, 2.196, 55.079]$.

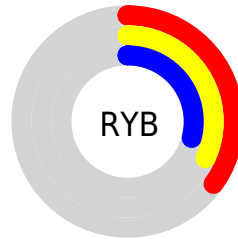
Distribution



 Red (35%)

 Green (31%)

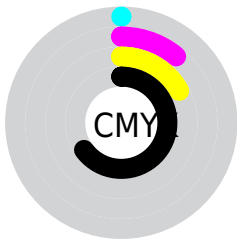
 Blue (29%)



 Red (35%)

 Yellow (32%)

 Blue (29%)

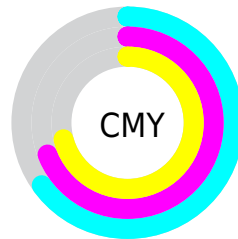


 Cyan (0%)

 Magenta (11%)

 Yellow (17%)

 Black (65%)



 Cyan (65%)

 Magenta (69%)

 Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 5.493, 54.434 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, 5.493, 54.434 by changing the saturation by 10% instead.

 34, 5.493, 54.434  34, 5.493, 54.434

 100, 5.493, 54.434  24, 5.493, 54.434

 54, 5.493, 54.434  14, 5.493, 54.434

 64, 5.493, 54.434  4, 5.493, 54.434

 74, 5.493, 54.434  0, 5.493, 54.434

 84, 5.493, 54.434

 94, 5.493, 54.434

 34, 5.493, 54.434  34, 5.493, 54.434

 32, 9.014, 53.806  36, 2.196, 55.079

 30, 12.777, 53.210  38, 0.897, 236.234

■ 28, 16.793, 52.681

■ 40, 3.806, 236.754

■ 26, 21.058, 52.229

■ 42, 6.552, 237.481

■ 25, 25.545, 51.848

■ 44, 9.152, 238.225

■ 23, 30.177, 51.501

■ 46, 11.624,
238.967

■ 22, 34.553, 50.778

■ 48, 13.982,
239.699

■ 20, 38.098, 49.324

■ 20, 39.126, 49.005

■ 50, 16.241,
240.416

■ 52, 18.410,
241.115

Harmonies

Complementary

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



34, 5.493, 54.434



35, 5.064, 237.262

Rectangle

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



34, 5.493, 54.434



34, 5.493, 104.434



34, 5.493, 234.434



34, 5.493, 284.434

Sweetspot

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



34, 5.493, 54.448



47, 1.927, 55.169



33, 9.044, 336.772



24, 1.327, 55.150



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



34, 5.493, 54.448



43, 8.119, 54.212



36, 7.787, 100.584



17, 1.733, 54.980



25, 46.960, 49.787



55, 87.655, 48.595

Inverse Universe

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



35, 5.064, 237.262



44, 7.343, 237.643



32, 7.954, 284.262



17, 1.667, 236.517



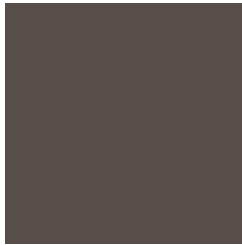
28, 26.604, 259.261



62, 49.106, 262.950

Previews

White Background



This preview shows how the CIELCh color 34, 5.493, 54.434 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, 5.493, 54.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

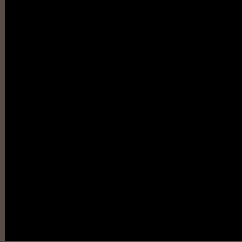
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

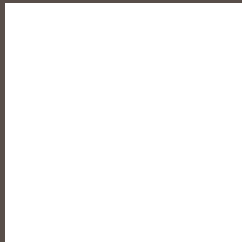
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 5.493, 54.434

Background



This preview shows how black text looks on a background with the CIELCh color 34, 5.493, 54.434.



This preview shows how white text looks on a background with the CIELCh color 34, 5.493, 54.434.

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, 5.493, 54.434

Protanopia

34, 3.968, 89.867

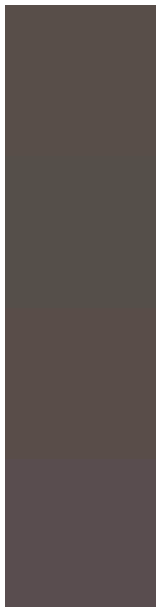
Deuteranopia

34, 6.403, 43.035



Tritanopia
34, 6.422, 344.669

Trichromacy



Original Color

34, 5.493, 54.434

Protanomaly

34, 4.110, 68.929

Deuteranomaly

34, 5.980, 44.710

Tritanomaly

34, 5.430, 6.936

Monochromacy



Original Color

34, 5.493, 54.434

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 2.148, 55.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 5.493, 54.434 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(88, 78, 73)` looks like.

```
.text, #text, p{  
    color:rgb(88, 78, 73)  
}
```

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(88, 78, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 78, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 5.493, 54.434 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(88, 78, 73) }
```

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

```
.border{ border-color:rgb(88, 78, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 78, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 78, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 78, 73);  
box-shadow:4px 4px 4px 4px rgb(88, 78, 73)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 5.493, 54.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 78, 73) }
```

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

```
.background{ background-color: rgb(88, 78,  
73) }
```

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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