

Converting Colors

CIELCh(34, 4.882, 165.873)

Have a look what the booklet for
CIELCh(34, 4.882, 165.873) contains.

CIELCh(34, 4.620, 165.934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(34, 4.620, 165.934)

Conversions

Conversions Part 1

Format	Color
Hex	49524E
RGB	73, 82, 78
RGB Percent	29%, 32%, 31%
CMY	0.7136, 0.6783, 0.6940
CMYK	0.11, 0.00, 0.05, 0.68
HSL	153°, 6%, 30%
HSV	153°, 11%, 32%
XYZ	7.1466, 8.0082, 8.3833
YIQ	78.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

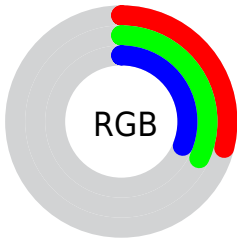
Format	Color
RYB	73, 79, 82
Decimal	4805198
CIELab	34.00, -4.48, 1.12
CIELCh	34, 4.620, 165.934
Yxy	8.0082, 0.3036, 0.3402
Android (android.graphics.Color)	4282995278 (0xFF49524E)
YUV	78.8530, -0.4205, -5.1331
Hunter-Lab	28.2988, -4.4447, 2.2450

Details

The CIELCh color **34, 4.620, 165.934** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **32, 4.699, 347.584**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 4.254, 166.262**, and **14, 4.429, 169.453** is the 20% darker color. If you saturate the color by 10%, you get **33, 8.809, 165.039**, and if you desaturate by 10%, it is **35, 0.407, 167.228**.

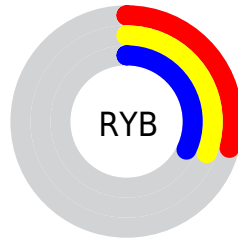
Distribution



Red (29%)

Green (32%)

Blue (31%)



Red (29%)

Yellow (31%)

Blue (32%)

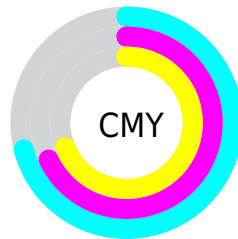


Cyan (11%)

Magenta (0%)

Yellow (5%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 4.620, 165.934 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, 4.620, 165.934 by changing the saturation by 10% instead.

■ 34, 4.620, 165.934

■ 34, 4.620, 165.934

■ 100, 4.620,
165.934

■ 24, 4.620, 165.934

■ 54, 4.620, 165.934

■ 14, 4.620, 165.934

■ 64, 4.620, 165.934

■ 4, 4.620, 165.934

■ 74, 4.620, 165.934

■ 0, 4.620, 165.934

■ 84, 4.620, 165.934

■ 94, 4.620, 165.934

■ 34, 4.620, 165.934

■ 34, 4.620, 165.934

■ 33, 8.809, 165.039

■ 35, 0.407, 167.228

33, 12.924,
164.081

36, 3.796, 347.353

32, 16.913,
163.027

37, 7.957, 348.069

31, 20.719,
161.859

38, 12.055,
348.719

31, 24.282,
160.556

39, 16.073,
349.327

31, 27.549,
159.101

40, 20.000,
349.899

30, 30.477,
157.477

41, 23.830,
350.441

30, 33.064,
155.700

42, 27.560,
350.956

30, 35.344,
154.249

43, 31.189,
351.447

Harmonies

Complementary

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



34, 4.620, 165.934



32, 4.699, 347.584

Rectangle

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



34, 4.620, 165.934



34, 4.620, 215.934



34, 4.620, 345.934



34, 4.620, 35.934

Sweetspot

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



34, 4.621, 165.929



45, 1.572, 166.684



34, 6.040, 130.379



22, 1.178, 166.609



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



34, 4.621, 165.929



44, 6.821, 165.712



34, 3.586, 203.500



16, 2.343, 166.127



38, 42.469, 153.443



81, 78.700, 151.744

Inverse Universe

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



32, 4.699, 347.584



41, 6.960, 347.806



32, 3.824, 24.177



15, 2.376, 347.383



21, 43.868, 4.579



50, 78.642, 8.127

Previews

White Background



This preview shows how the CIE LCh color 34, 4.620, 165.934 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, 4.620, 165.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

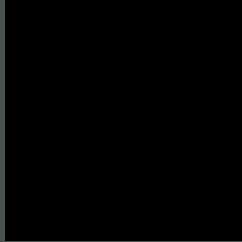
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 4.620, 165.934

Background



This preview shows how black text looks on a background with the CIELCh color 34, 4.620, 165.934.

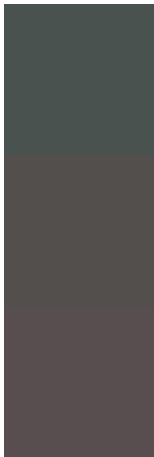


This preview shows how white text looks on a background with the CIELCh color 34, 4.620, 165.934.

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, 4.620, 165.934

Protanopia

34, 1.806, 63.204

Deuteranopia

34, 4.996, 5.672



Tritanopia
34, 4.448, 257.156

Trichromacy



Original Color

34, 4.620, 165.934

Protanomaly

34, 1.928, 122.883

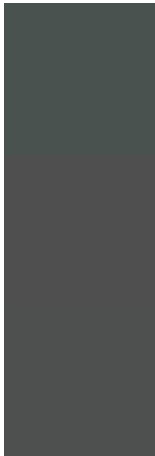
Deuteranomaly

34, 1.742, 19.503

Tritanomaly

34, 3.431, 232.467

Monochromacy



Original Color

34, 4.620, 165.934

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 1.438, 173.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 4.620, 165.934 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(73, 82, 78)` looks like.

```
.text, #text, p{  
    color:rgb(73, 82, 78)  
}
```

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(73, 82, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 82, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 4.620, 165.934 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(73, 82, 78) }
```

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

```
.border{ border-color:rgb(73, 82, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 82, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 82, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 82, 78);  
box-shadow:4px 4px 4px 4px rgb(73, 82, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 4.620, 165.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 82, 78) }
```

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

```
.background{ background-color: rgb(73, 82,  
78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor