

Converting Colors

CIELCh(35, 9.609, 123.896)

Have a look what the booklet for
CIELCh(35, 9.609, 123.896) contains.

CIELCh(35, 9.574, 122.161)	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(35, 9.574, 122.161)

Conversions

Conversions Part 1

Format	Color
Hex	4F5445
RGB	79, 84, 69
RGB Percent	31%, 33%, 27%
CMY	0.6890, 0.6694, 0.7282
CMYK	0.06, 0.00, 0.18, 0.67
HSL	80°, 10%, 30%
HSV	80°, 18%, 33%
XYZ	7.5286, 8.4984, 6.9232
YIQ	80.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

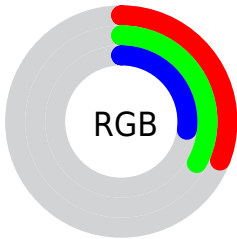
Format	Color
RYB	69, 84, 74
Decimal	5198917
CIELab	35.00, -5.10, 8.10
CIElCh	35, 9.574, 122.161
Yxy	8.4984, 0.3280, 0.3703
Android (android.graphics.Color)	4283388997 (0xFF4F5445)
YUV	80.7950, -5.8149, -1.5742
Hunter-Lab	29.1520, -4.9177, 6.3259

Details

The CIELCh color **35, 9.574, 122.161** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **30, 9.866, 304.001**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 9.388, 121.626**, and **15, 9.313, 120.593** is the 20% darker color. If you saturate the color by 10%, you get **35, 14.916, 121.649**, and if you desaturate by 10%, it is **35, 4.197, 122.674**.

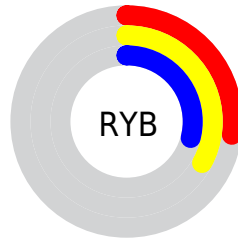
Distribution



 Red (31%)

 Green (33%)

 Blue (27%)



 Red (27%)

 Yellow (33%)

 Blue (29%)

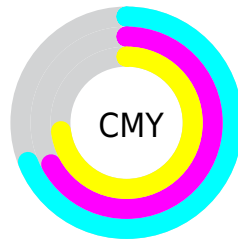


 Cyan (6%)

 Magenta (0%)

 Yellow (18%)

 Black (67%)



 Cyan (69%)

 Magenta (67%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 9.574, 122.161 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 35, 9.574, 122.161 by changing the saturation by 10% instead.

■ 35, 9.574, 122.161

■ 35, 9.574, 122.161

■ 100, 9.574,
122.161

■ 25, 9.574, 122.161

■ 55, 9.574, 122.161

■ 15, 9.574, 122.161

■ 65, 9.574, 122.161

■ 5, 9.574, 122.161

■ 75, 9.574, 122.161

■ 0, 9.574, 122.161

■ 85, 9.574, 122.161

■ 95, 9.574, 122.161

■ 35, 9.574, 122.161

■ 35, 9.574, 122.161

■ 35, 14.916,
121.649

■ 35, 4.197, 122.674

■ 34, 20.178,
121.142

■ 36, 1.187, 303.127

■ 34, 25.300,
120.665

■ 37, 6.556, 303.613

■ 33, 30.196,
120.255

■ 37, 11.893,
304.051

■ 33, 34.742,
119.961

■ 38, 17.188,
304.459

■ 33, 38.771,
119.854

■ 38, 22.430,
304.838

■ 33, 42.085,
120.019

■ 39, 27.613,
305.189

■ 32, 45.092,
120.232

■ 40, 32.732,
305.512

■ 32, 45.799,
120.240

■ 40, 37.784,
305.809

Harmonies

Complementary

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



35, 9.574, 122.161



30, 9.866, 304.001

Rectangle

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



35, 9.574, 122.161



35, 9.574, 172.161



35, 9.574, 302.161



35, 9.574, 352.161

Sweetspot

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



35, 9.575, 122.164



46, 3.338, 122.809



32, 5.550, 54.391



23, 2.296, 122.787



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



35, 9.575, 122.164



45, 14.019, 121.963



34, 10.891, 138.992



17, 3.080, 122.623



41, 54.269, 120.696



85, 97.122, 121.684

Inverse Universe

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



30, 9.866, 304.001



38, 14.543, 304.238



31, 10.963, 320.529



16, 3.130, 303.490



12, 67.763, 309.285



33, 121.423, 308.641

Previews

White Background



This preview shows how the CIELCh color 35, 9.574, 122.161 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 35, 9.574, 122.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

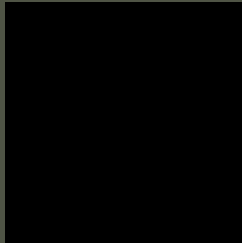
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 9.574, 122.161

Background



This preview shows how black text looks on a background with the CIELCh color 35, 9.574, 122.161.

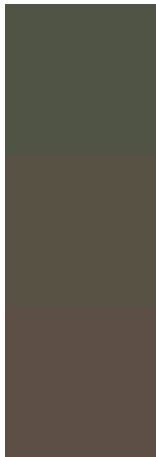


This preview shows how white text looks on a background with the CIELCh color 35, 9.574, 122.161.

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

35, 9.574, 122.161

Protanopia

35, 8.986, 93.901

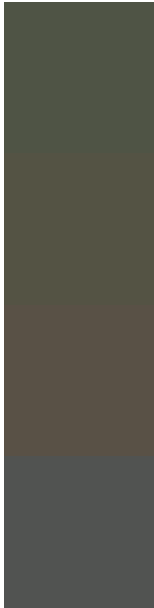
Deuteranopia

35, 8.941, 58.638



Tritanopia
35, 3.747, 290.815

Trichromacy



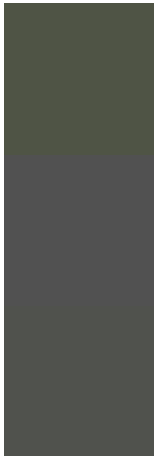
Original Color
35, 9.574, 122.161

Protanomaly
35, 9.302, 105.779

Deuteranomaly
35, 7.763, 80.912

Tritanomaly
35, 1.518, 144.410

Monochromacy



Original Color
35, 9.574, 122.161

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 3.242, 125.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 9.574, 122.161 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(79, 84, 69)` looks like.

```
.text, #text, p{  
    color:rgb(79, 84, 69)  
}
```

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(79, 84, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 84, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 9.574, 122.161 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(79, 84, 69) }
```

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

```
.border{ border-color:rgb(79, 84, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 84, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 84, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 84, 69);  
box-shadow:4px 4px 4px 4px rgb(79, 84, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 9.574, 122.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 84, 69) }
```

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

```
.background{ background-color: rgb(79, 84,  
69) }
```

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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