

Converting Colors

CIELCh(35, 14.223, 150.367)

Have a look what the booklet for
CIELCh(35, 14.223, 150.367)
contains.

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Color

CIELCh(35, 14.532, 150.944)

Conversions

Conversions Part 1

Format	Color
Hex	415847
RGB	65, 88, 71
RGB Percent	25%, 35%, 28%
CMY	0.7462, 0.6560, 0.7226
CMYK	0.26, 0.00, 0.19, 0.66
HSL	136°, 15%, 30%
HSV	136°, 26%, 34%
XYZ	6.7565, 8.4984, 7.1992
YIQ	79.1850, -8.2510, -10.1630

Conversions

Conversions Part 2

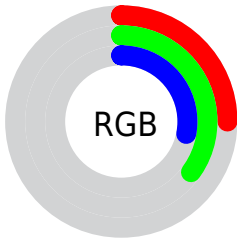
Format	Color
RYB	65, 83, 88
Decimal	4282439
CIELab	35.00, -12.70, 7.06
CIELCh	35, 14.532, 150.944
Yxy	8.4984, 0.3009, 0.3785
Android (android.graphics.Color)	4282472519 (0xFF415847)
YUV	79.1850, -4.0352, -12.4402
Hunter-Lab	29.1520, -9.6453, 5.7644

Details

The CIELCh color **35, 14.532, 150.944** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 14.636, 334.385**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 14.802, 150.737**, and **15, 14.040, 152.097** is the 20% darker color. If you saturate the color by 10%, you get **34, 20.027, 150.061**, and if you desaturate by 10%, it is **36, 8.976, 151.721**.

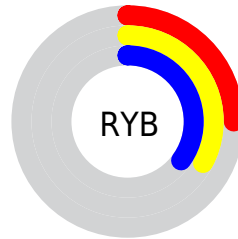
Distribution



Red (25%)

Green (35%)

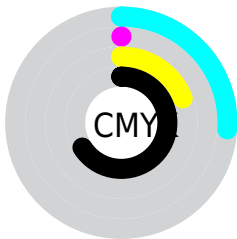
Blue (28%)



Red (25%)

Yellow (33%)

Blue (35%)

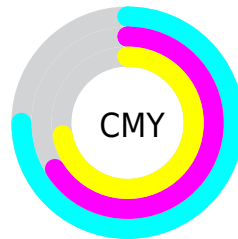


Cyan (26%)

Magenta (0%)

Yellow (19%)

Black (66%)



Cyan (75%)


Magenta (66%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 14.532, 150.944 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, 14.532, 150.944 by changing the saturation by 10% instead.


 35, 14.532,
150.944


 35, 14.532,
150.944

 100, 14.532,
150.944


 25, 14.532,
150.944

 55, 14.532,
150.944

 15, 14.532,
150.944


 65, 14.532,
150.944

 5, 14.532, 150.944

 75, 14.532,
150.944

 0, 14.532, 150.944

 85, 14.532,
150.944

 95, 14.532,
150.944

■ 35, 14.532,
150.944

■ 35, 14.532,
150.944

■ 34, 20.027,
150.061

■ 36, 8.976, 151.721

■ 34, 25.380,
149.054

■ 37, 3.421, 152.430

■ 33, 30.503,
147.909

■ 38, 2.079, 332.886

■ 33, 35.301,
146.615

■ 40, 12.775,
333.957

■ 32, 39.681,
145.172

■ 41, 17.926,
334.382

■ 32, 43.560,
143.595

■ 42, 22.928,
334.764

■ 32, 46.982,
142.069

■ 43, 27.777,
335.110

■ 32, 48.212,

■ 45, 32.473,

141.597

335.425

Harmonies

Complementary

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



35, 14.532, 150.944



30, 14.636, 334.385

Rectangle

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



35, 14.532, 150.944



35, 14.532, 200.944



35, 14.532, 330.944



35, 14.532, 20.944

Sweetspot

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



35, 14.533, 150.944



47, 5.507, 152.285



36, 14.339, 118.396



24, 3.948, 152.208



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



35, 14.533, 150.944



45, 21.430, 150.443



35, 10.121, 177.243



17, 3.058, 152.250



39, 56.127, 141.054



82, 102.888, 139.733

Inverse Universe

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



30, 14.636, 334.385



38, 21.596, 334.782



30, 11.006, 2.069



16, 3.071, 333.246



23, 50.472, 341.245



53, 88.693, 342.381

Previews

White Background



This preview shows how the CIE LCh color 35, 14.532, 150.944 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, 14.532, 150.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

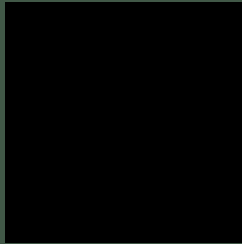
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 14.532, 150.944

Background



This preview shows how black text looks on a background with the CIELCh color 35, 14.532, 150.944.



This preview shows how white text looks on a background with the CIELCh color 35, 14.532, 150.944.

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](#).

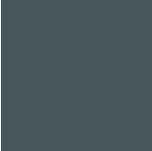
Dichromacy



Original Color
35, 14.532, 150.944

Protanopia
35, 8.986, 93.901

Deuteranopia
35, 7.403, 50.281



Tritanopia
35, 7.546, 234.254

Trichromacy



Original Color
35, 14.532, 150.944

Protanomaly
35, 9.574, 122.161

Deuteranomaly
35, 6.230, 104.981

Tritanomaly
35, 7.868, 189.171

Monochromacy



Original Color
35, 14.532, 150.944

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 5.135, 151.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 14.532, 150.944 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(65, 88, 71)` looks like.

```
.text, #text, p{  
    color:rgb(65, 88, 71)  
}
```

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(65, 88, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 88, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 14.532, 150.944 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(65, 88, 71) }
```

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

```
.border{ border-color:rgb(65, 88, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 88, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 88, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 88, 71);  
box-shadow:4px 4px 4px 4px rgb(65, 88, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 14.532, 150.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 88, 71) }
```

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

```
.background{ background-color: rgb(65, 88,  
71) }
```

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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