

Converting Colors

CIELCh(35, 16.628, 147.864)

Have a look what the booklet for
CIELCh(35, 16.628, 147.864)
contains.

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Color

CIELCh(35, 16.523, 148.606)

Conversions

Conversions Part 1

Format	Color
Hex	3F5844
RGB	63, 88, 68
RGB Percent	25%, 35%, 27%
CMY	0.7521, 0.6540, 0.7325
CMYK	0.28, 0.00, 0.23, 0.65
HSL	132°, 17%, 30%
HSV	132°, 28%, 35%
XYZ	6.6203, 8.4984, 6.7933
YIQ	78.2450, -8.4800, -11.5200

Conversions

Conversions Part 2

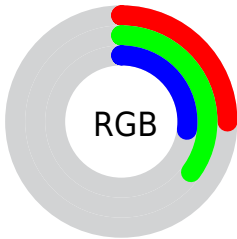
Format	Color
RYB	63, 84, 88
Decimal	4151364
CIELab	35.00, -14.10, 8.61
CIELCh	35, 16.523, 148.606
Yxy	8.4984, 0.3021, 0.3878
Android (android.graphics.Color)	4282341444 (0xFF3F5844)
YUV	78.2450, -5.0508, -13.3699
Hunter-Lab	29.1520, -10.4792, 6.5900

Details


The CIELCh color **35, 16.523, 148.606** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 16.596, 332.183**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 16.648, 148.719**, and **15, 16.206, 148.897** is the 20% darker color. If you saturate the color by 10%, you get **34, 22.284, 147.723**, and if you desaturate by 10%, it is **36, 10.684, 149.378**.

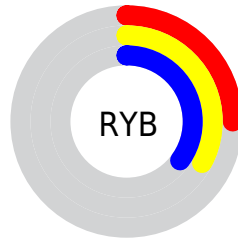
Distribution



 Red (25%)

 Green (35%)

 Blue (27%)




 Red (25%)

 Yellow (33%)

 Blue (35%)

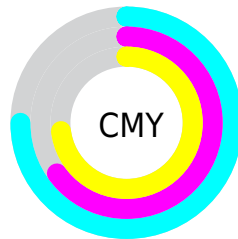


 Cyan (28%)

 Magenta (0%)

 Yellow (23%)

 Black (65%)



 Cyan (75%)


 Magenta (65%)

 Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 16.523, 148.606 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, 16.523, 148.606 by changing the saturation by 10% instead.


 35, 16.523,
148.606


 35, 16.523,
148.606

 100, 16.523,
148.606


 25, 16.523,
148.606

 55, 16.523,
148.606


 15, 16.523,
148.606


 65, 16.523,
148.606

 5, 16.523, 148.606

 75, 16.523,
148.606

 0, 16.523, 148.606

 85, 16.523,
148.606

 95, 16.523,
148.606

■ 35, 16.523,
148.606

■ 35, 16.523,
148.606

■ 34, 22.284,
147.723

■ 36, 10.684,
149.378

■ 34, 27.876,
146.715

■ 37, 4.839, 150.066

■ 33, 33.198,
145.572

■ 38, 0.955, 330.436

■ 39, 6.654, 331.101

■ 33, 38.140,
144.290

■ 40, 12.226,
331.564

■ 32, 42.591,
142.884

■ 41, 17.653,
331.968

■ 32, 46.448,
141.387

■ 42, 22.923,
332.326

■ 32, 49.794,
140.094

■ 44, 28.029,
332.646

■ 32, 50.310,

139.928

■ 45, 32.973,
332.933

Harmonies

Complementary

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



35, 16.523, 148.606



30, 16.596, 332.183

Rectangle

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



35, 16.523, 148.606



35, 16.523, 198.606



35, 16.523, 328.606



35, 16.523, 18.606

Sweetspot

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



35, 16.524, 148.606



47, 6.482, 150.003



36, 15.434, 115.512



24, 4.543, 149.937



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, 16.524, 148.606



45, 24.576, 148.022



35, 11.456, 172.287



17, 3.197, 150.039



39, 58.256, 139.456



82, 106.405, 138.310

Inverse Universe

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



30, 16.596, 332.183



38, 24.678, 332.607



30, 12.311, 357.580



16, 3.207, 330.989



23, 52.652, 337.562



53, 92.711, 338.334

Previews

White Background



This preview shows how the CIELCh color 35, 16.523, 148.606 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 35, 16.523, 148.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

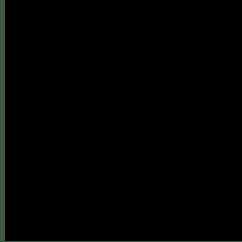
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 16.523, 148.606

Background



This preview shows how black text looks on a background with the CIELCh color 35, 16.523, 148.606.



This preview shows how white text looks on a background with the CIELCh color 35, 16.523, 148.606.

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](#).

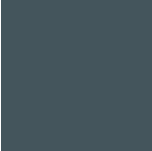
Dichromacy



Original Color
35, 16.523, 148.606

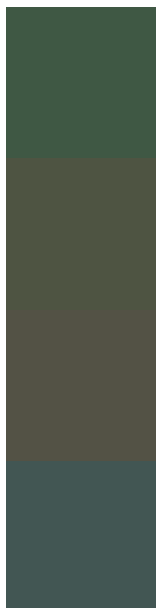
Protanopia
35, 10.794, 95.962

Deuteranopia
35, 8.941, 58.638



Tritanopia
35, 7.849, 232.660

Trichromacy



Original Color
35, 16.523, 148.606

Protanomaly
35, 11.481, 121.977

Deuteranomaly
35, 8.086, 105.570

Tritanomaly
35, 8.415, 185.342

Monochromacy



Original Color
35, 16.523, 148.606

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 6.390, 147.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 16.523, 148.606 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(63, 88, 68)` looks like.

```
.text, #text, p{  
    color:rgb(63, 88, 68)  
}
```

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(63, 88, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 88, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 16.523, 148.606 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(63, 88, 68) }
```

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

```
.border{ border-color:rgb(63, 88, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 88, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 88, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 88, 68);  
box-shadow:4px 4px 4px 4px rgb(63, 88, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 16.523, 148.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 88, 68) }
```

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

```
.background{ background-color: rgb(63, 88,  
68) }
```

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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