

Converting Colors

CIELCh(35, 15.028, 109.558)

Have a look what the booklet for
CIELCh(35, 15.028, 109.558)
contains.

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Color

CIELCh(35, 14.787, 109.464)

Conversions

Conversions Part 1

Format	Color
Hex	53543C
RGB	83, 84, 60
RGB Percent	33%, 33%, 24%
CMY	0.6746, 0.6707, 0.7648
CMYK	0.01, 0.00, 0.29, 0.67
HSL	63°, 17%, 28%
HSV	63°, 29%, 33%
XYZ	7.5464, 8.4984, 5.5128
YIQ	80.9650, 7.1080, -7.6760

Conversions

Conversions Part 2

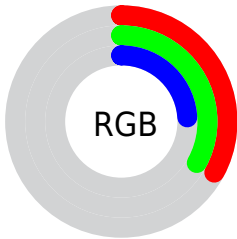
Format	Color
R_{YB}	60, 84, 61
Decimal	5461052
CIE _{Lab}	35.00, -4.93, 13.94
CIE _{LCh}	35, 14.787, 109.464
Yxy	8.4984, 0.3501, 0.3942
Android (android.graphics.Color)	4283651132 (0xFF53543C)
YUV	80.9650, -10.3357, 1.7847
Hunter-Lab	29.1520, -4.8088, 9.1943

Details

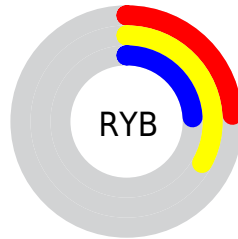
The CIELCh color **35, 14.787, 109.464** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **26, 15.734, 294.695**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 14.247, 108.427**, and **15, 14.361, 108.398** is the 20% darker color. If you saturate the color by 10%, you get **35, 19.825, 108.653**, and if you desaturate by 10%, it is **35, 9.655, 110.294**.

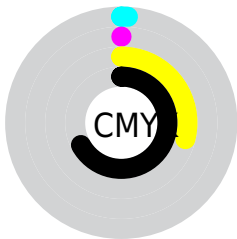
Distribution



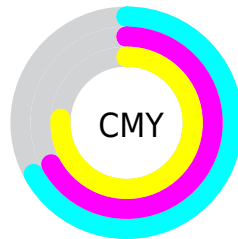
- Red (33%)
- Green (33%)
- Blue (24%)



- Red (24%)
- Yellow (33%)
- Blue (24%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (67%)



- Cyan (67%)
- Magenta (67%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 14.787, 109.464 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, 14.787, 109.464 by changing the saturation by 10% instead.


 35, 14.787,
109.464

 35, 14.787,
109.464

 100, 14.787,
109.464


 25, 14.787,
109.464

 55, 14.787,
109.464

 15, 14.787,
109.464

 65, 14.787,
109.464

 5, 14.787, 109.464

 75, 14.787,
109.464

 0, 14.787, 109.464

 85, 14.787,
109.464

 95, 14.787,
109.464

■ 35, 14.787,
109.464

■ 35, 14.787,
109.464

■ 35, 19.825,
108.653

■ 35, 9.655, 110.294

■ 35, 24.703,
107.869

■ 35, 4.468, 111.117

■ 34, 29.330,
107.139

■ 36, 0.745, 291.971

■ 34, 33.573,
106.493

■ 36, 11.175,
293.501

■ 34, 37.255,
105.968

■ 37, 16.368,
294.238

■ 34, 40.169,
105.604

■ 37, 21.536,
294.943

■ 34, 42.846,
105.284

■ 38, 26.673,
295.613

■ 34, 43.253,

■ 38, 31.772,

105.232

296.249

Harmonies

Complementary

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



35, 14.787, 109.464



26, 15.734, 294.695

Rectangle

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



35, 14.787, 109.464



35, 14.787, 159.464



35, 14.787, 289.464



35, 14.787, 339.464

Sweetspot

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



35, 14.788, 109.468



46, 5.840, 111.057



28, 11.004, 24.001



23, 4.090, 110.979



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, 14.788, 109.468



45, 21.834, 108.928



34, 15.982, 129.039



16, 2.841, 111.109



42, 50.383, 105.301



89, 90.369, 105.470

Inverse Universe

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



26, 15.734, 294.695



32, 23.626, 295.544



28, 16.524, 311.431



15, 2.896, 292.576



9, 69.209, 306.528



29, 124.413, 306.380

Previews

White Background



This preview shows how the CIELCh color 35, 14.787, 109.464 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, 14.787, 109.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

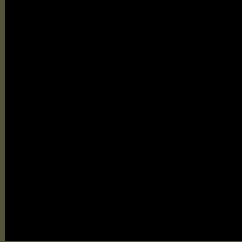
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

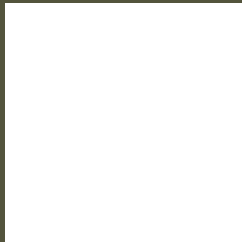
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 14.787, 109.464

Background



This preview shows how black text looks on a background with the CIELCh color 35, 14.787, 109.464.

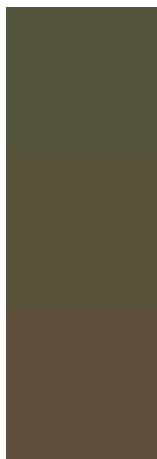


This preview shows how white text looks on a background with the CIELCh color 35, 14.787, 109.464.

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, 14.787, 109.464

Protanopia

35, 14.615, 94.588

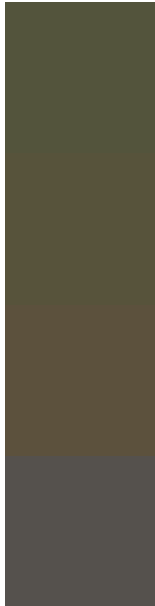
Deuteranopia

35, 14.231, 71.115



Tritanopia
35, 5.086, 320.809

Trichromacy



Original Color

35, 14.787, 109.464

Protanomaly

35, 14.924, 100.360

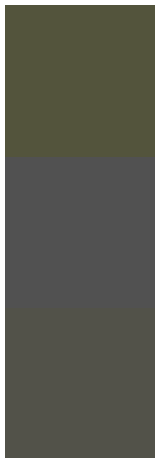
Deuteranomaly

35, 13.493, 85.313

Tritanomaly

35, 3.042, 74.309

Monochromacy



Original Color

35, 14.787, 109.464

Achromatopsia

34, 0.005, 296.813

Achromatomaly

35, 5.597, 109.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 14.787, 109.464 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(83, 84, 60)` looks like.

```
.text, #text, p{  
    color:rgb(83, 84, 60)  
}
```

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(83, 84, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 84, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 14.787, 109.464 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(83, 84, 60) }
```

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

```
.border{ border-color:rgb(83, 84, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 84, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 84, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 84, 60);  
box-shadow:4px 4px 4px 4px rgb(83, 84, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 14.787, 109.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 84, 60) }
```

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

```
.background{ background-color: rgb(83, 84,  
60) }
```

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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