

Converting Colors

CIELCh(35, 12.488, 111.615)

Have a look what the booklet for
CIELCh(35, 12.488, 111.615)
contains.

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Color

CIELCh(35, 12.384, 112.335)

Conversions

Conversions Part 1

Format	Color
Hex	525440
RGB	82, 84, 64
RGB Percent	32%, 33%, 25%
CMY	0.6785, 0.6707, 0.7491
CMYK	0.02, 0.00, 0.24, 0.67
HSL	66°, 14%, 29%
HSV	66°, 24%, 33%
XYZ	7.5697, 8.4984, 6.0876
YIQ	81.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

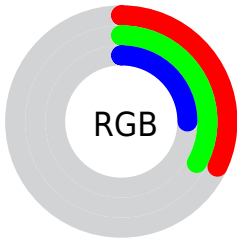
Format	Color
RYB	64, 84, 66
Decimal	5395520
CIELab	35.00, -4.71, 11.45
CIELCh	35, 12.384, 112.335
Yxy	8.4984, 0.3417, 0.3836
Android (android.graphics.Color)	4283585600 (0xFF525440)
YUV	81.1220, -8.4411, 0.7700
Hunter-Lab	29.1520, -4.6660, 8.0253

Details

The CIELCh color **35, 12.384, 112.335** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **28, 13.018, 296.177**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 11.990, 110.697**, and **15, 12.487, 111.656** is the 20% darker color. If you saturate the color by 10%, you get **35, 17.489, 111.593**, and if you desaturate by 10%, it is **35, 7.207, 113.088**.

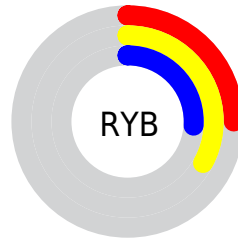
Distribution



 Red (32%)

 Green (33%)

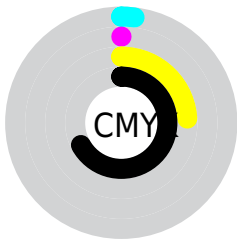
 Blue (25%)



 Red (25%)

 Yellow (33%)

 Blue (26%)

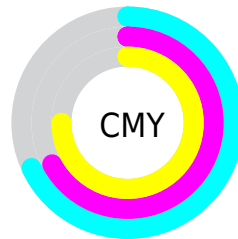


 Cyan (2%)

 Magenta (0%)

 Yellow (24%)

 Black (67%)



 Cyan (68%)


 Magenta (67%)


 Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 12.384, 112.335 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, 12.384, 112.335 by changing the saturation by 10% instead.


 35, 12.384,
112.335


 35, 12.384,
112.335

 100, 12.384,
112.335


 25, 12.384,
112.335

 55, 12.384,
112.335


 15, 12.384,
112.335


 65, 12.384,
112.335

 5, 12.384, 112.335

 75, 12.384,
112.335

 0, 12.384, 112.335

 85, 12.384,
112.335

 95, 12.384,
112.335

■ 35, 12.384,
112.335

■ 35, 12.384,
112.335

■ 35, 17.489,
111.593

■ 35, 7.207, 113.088

■ 35, 22.467,
110.870

■ 36, 1.991, 113.826

■ 34, 27.244,
110.191

■ 36, 3.240, 294.562

■ 34, 31.709,
109.590

■ 37, 13.681,
295.933

■ 34, 35.707,
109.106

■ 37, 18.870,
296.575

■ 34, 39.042,
108.790

■ 38, 24.026,
297.185

■ 34, 41.720,
108.635

■ 38, 29.145,
297.761

■ 34, 43.468,

■ 38, 34.222,

108.500

298.304

Harmonies

Complementary

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



35, 12.384, 112.335



28, 13.018, 296.177

Rectangle

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



35, 12.384, 112.335



35, 12.384, 162.335



35, 12.384, 292.335



35, 12.384, 342.335

Sweetspot

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



35, 12.385, 112.339



46, 4.554, 113.576



30, 8.495, 29.333



23, 2.983, 113.560



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, 12.385, 112.339



45, 18.738, 111.876



34, 13.564, 131.522



16, 2.848, 113.470



42, 50.645, 108.661



88, 90.902, 109.055

Inverse Universe

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



28, 13.018, 296.177



35, 19.986, 296.836



29, 13.879, 313.424



15, 2.903, 294.788



10, 68.843, 306.865



29, 124.049, 306.561

Previews

White Background



This preview shows how the CIELCh color 35, 12.384, 112.335 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, 12.384, 112.335 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, 12.384, 112.335

Background



This preview shows how black text looks on a background with the CIELCh color 35, 12.384, 112.335.



This preview shows how white text looks on a background with the CIELCh color 35, 12.384, 112.335.

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, 12.384, 112.335

Protanopia

35, 12.106, 94.750

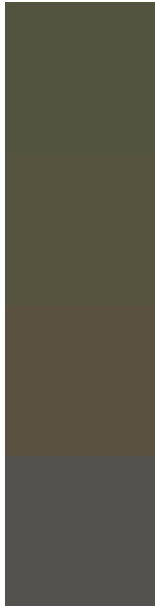
Deuteranopia

35, 11.915, 66.542



Tritanopia
35, 4.132, 314.907

Trichromacy



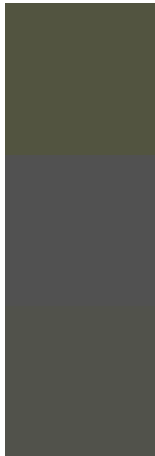
Original Color
35, 12.384, 112.335

Protanomaly
35, 12.440, 101.611

Deuteranomaly
35, 11.005, 83.368

Tritanomaly
35, 2.050, 84.662

Monochromacy



Original Color
35, 12.384, 112.335

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 4.382, 115.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 12.384, 112.335 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(82, 84, 64)` looks like.

```
.text, #text, p{  
    color:rgb(82, 84, 64)  
}
```

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(82, 84, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 84, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 12.384, 112.335 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(82, 84, 64) }
```

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

```
.border{ border-color:rgb(82, 84, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 84, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 84, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 84, 64);  
box-shadow:4px 4px 4px 4px rgb(82, 84, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 12.384, 112.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 84, 64) }
```

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

```
.background{ background-color: rgb(82, 84,  
64) }
```

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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