

Converting Colors

CIELCh(35, 22.174, 293.658)

Have a look what the booklet for
CIELCh(35, 22.174, 293.658)
contains.

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Color

CIELCh(35, 22.497, 293.832)

Conversions

Conversions Part 1

Format	Color
Hex	4F4F73
RGB	79, 79, 115
RGB Percent	31%, 31%, 45%
CMY	0.6901, 0.6901, 0.5489
CMYK	0.31, 0.31, 0.00, 0.55
HSL	240°, 19%, 38%
HSV	240°, 31%, 45%
XYZ	9.1215, 8.4984, 17.3891
YIQ	83.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

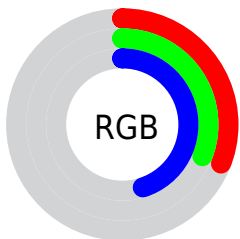
Format	Color
R_{YB}	79, 79, 115
Decimal	5197683
CIE Lab	35.00, 9.09, -20.58
CIE LCh	35, 22.497, 293.832
Yxy	8.4984, 0.2605, 0.2427
Android (android.graphics.Color)	4283387763 (0xFF4F4F73)
YUV	83.1040, 15.7247, -3.5992
Hunter-Lab	29.1520, 4.8357, -14.9600

Details

The CIELCh color **35, 22.497, 293.832** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **48, 20.930, 107.306**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 22.458, 293.724**, and **15, 22.563, 293.371** is the 20% darker color. If you saturate the color by 10%, you get **31, 30.297, 295.416**, and if you desaturate by 10%, it is **39, 15.004, 292.467**.

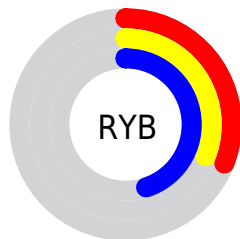
Distribution



Red (31%)

Green (31%)

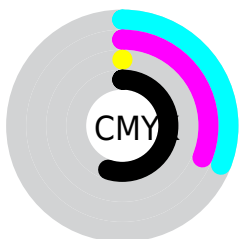
Blue (45%)



Red (31%)

Yellow (31%)

Blue (45%)

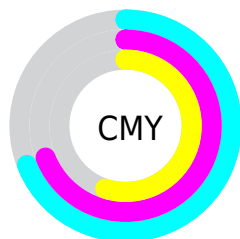


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (55%)



Cyan (69%)


Magenta (69%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 22.497, 293.832 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, 22.497, 293.832 by changing the saturation by 10% instead.


 35, 22.497,
293.832


 35, 22.497,
293.832

 100, 22.497,
293.832


 25, 22.497,
293.832

 55, 22.497,
293.832


 15, 22.497,
293.832


 65, 22.497,
293.832

 5, 22.497, 293.832

 75, 22.497,
293.832

 0, 22.497, 293.832

 85, 22.497,
293.832

 95, 22.497,
293.832

■ 35, 22.497,
293.832

■ 35, 22.497,
293.832

■ 31, 30.297,
295.416

■ 39, 15.004,
292.467

■ 26, 38.399,
297.226

■ 44, 7.807, 291.300

■ 48, 0.885, 290.345

■ 22, 46.729,
299.233

■ 52, 5.783, 109.436

■ 19, 55.063,
301.341

■ 56, 12.214,
108.708

■ 15, 62.886,
303.360

■ 61, 18.426,
108.079

■ 13, 69.284,
305.005

■ 65, 24.433,
107.536

■ 11, 74.353,
306.287

■ 69, 30.247,
107.064

■ 73, 35.882,
106.653

Harmonies

Complementary

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



35, 22.497, 293.832



48, 20.930, 107.306

Rectangle

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



35, 22.497, 293.832



35, 22.497, 343.832



35, 22.497, 113.832



35, 22.497, 163.832

Sweetspot

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



35, 22.496, 293.832



57, 7.721, 291.083



46, 13.336, 197.938



29, 5.419, 291.208



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



35, 22.496, 293.832



42, 34.573, 295.032



37, 23.426, 310.514



22, 3.936, 291.064



12, 77.730, 306.287



32, 131.782, 306.287

Inverse Universe

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



39, 26.112, 326.050



48, 39.294, 326.428



46, 22.472, 127.686



23, 4.757, 324.890



28, 67.129, 328.233



59, 113.810, 328.233

Previews

White Background



This preview shows how the CIE LCh color 35, 22.497, 293.832 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, 22.497, 293.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

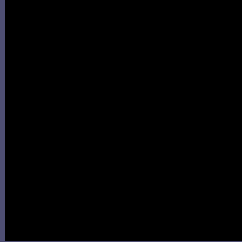
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 22.497, 293.832

Background



This preview shows how black text looks on a background with the CIELCh color 35, 22.497, 293.832.

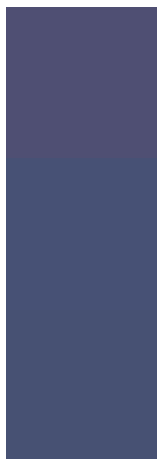


This preview shows how white text looks on a background with the CIELCh color 35, 22.497, 293.832.

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

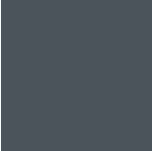
35, 22.497, 293.832

Protanopia

35, 22.595, 285.045

Deuteranopia

35, 21.379, 284.248



Tritanopia
35, 5.433, 242.725

Trichromacy



Original Color
35, 22.497, 293.832

Protanomaly
35, 22.512, 288.481

Deuteranomaly
35, 21.897, 288.206

Tritanomaly
35, 10.803, 279.493

Monochromacy



Original Color
35, 22.497, 293.832

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 8.110, 291.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 22.497, 293.832 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, 79, 115)` looks like.

```
.text, #text, p{  
  color:rgb(79, 79, 115)  
}
```

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, 79, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 79, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 22.497, 293.832 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, 79, 115) }
```

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

```
.border{ border-color:rgb(79, 79, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 79, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 79, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 79, 115);  
box-shadow:4px 4px 4px 4px rgb(79, 79,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 22.497, 293.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 79, 115) }
```

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

```
.background{ background-color: rgb(79, 79,  
115) }
```

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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