Converting Colors

CIELCh(35, 4.024, 5.219)

Have a look what the booklet for CIELCh(35, 4.024, 5.219) contains.

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Color

CIELCh(35, 4.114, 2.384)

Conversions

Conversions Part 1

Format	Color
Hex	595052
RGB	89, 80, 82
RGB Percent	35%, 31%, 32%
CMY	0.6505, 0.6857, 0.6779
CMYK	0.00, 0.10, 0.08, 0.65
HSL	347°, 5%, 33%
HSV	347°, 10%, 35%
XYZ	8.5391, 8.4984, 9.1994
YIQ	82.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

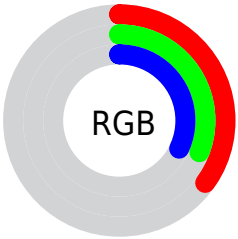
Format	Color
RYB	89, 80, 82
Decimal	5853266
CIELab	35.00, 4.11, 0.17
CIELCh	35, 4.114, 2.384
Yxy	8.4984, 0.3255, 0.3239
Android (android.graphics.Color)	4284043346 (0xFF595052)
YUV	82.9190, -0.4531, 5.3330
Hunter-Lab	29.1520, 1.2696, 1.6965

Details

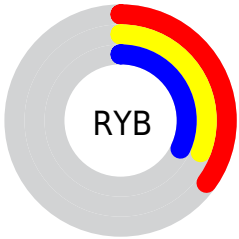
The CIELCh color 35, 4.114, 2.384 is a dark color, and the websafe version is hex 666666. A complement of this color would be 37, 3.974, 180.814, and the grayscale version is 35, 0.005, 296.813.

A 20% lighter version of the original color is 55, 4.163, 3.798, and 15, 3.551, 8.856 is the 20% darker color. If you saturate the color by 10%, you get 32, 8.371, 3.432, and if you desaturate by 10%, it is 38, 0.041, 354.790.

Distribution

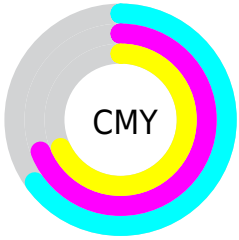


- Red (35%)
- Green (31%)
- Blue (32%)



- Red (35%)
- Yellow (31%)
- Blue (32%)

- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 4.114, 2.384 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, 4.114, 2.384 by changing the saturation by 10% instead.

35, 4.114, 2.384

100, 4.114, 2.384

55, 4.114, 2.384

65, 4.114, 2.384

75, 4.114, 2.384

85, 4.114, 2.384

95, 4.114, 2.384

35, 4.114, 2.384

25, 4.114, 2.384

15, 4.114, 2.384

5, 4.114, 2.384

0, 4.114, 2.384

35, 4.114, 2.384

32, 8.371, 3.432

29, 12.792, 4.618

35, 4.114, 2.384

38, 0.041, 354.790

41, 3.837, 180.904

27, 17.326, 6.021

24, 21.890, 7.715

22, 26.366, 9.795

20, 30.601, 12.375

19, 34.440, 15.582

17, 37.785, 19.498

16, 41.184, 23.085

44, 7.525, 180.190

47, 11.034, 179.571

49, 14.375, 179.016

52, 17.563, 178.512

55, 20.612, 178.052

58, 23.535, 177.629

61, 26.345, 177.238

Harmonies

Complementary

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

35, 4.114, 2.384

37, 3.974, 180.814

Rectangle

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

35, 4.114, 2.384

35, 4.114, 52.384

35, 4.114, 182.384

35, 4.114, 232.384

Sweetspot

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

35, 4.113, 2.394

47, 1.482, 1.616

35, 6.357, 318.188

24, 1.134, 1.709

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, 4.113, 2.394

44, 6.051, 2.623

36, 3.248, 46.893

16, 2.221, 2.259

21, 47.298, 24.634

49, 86.673, 28.675

Inverse Universe

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

35, 4.113, 2.394

44, 6.051, 2.623

36, 3.080, 228.099

16, 2.221, 2.259

21, 47.298, 24.634

49, 86.673, 28.675

Previews

White Background

This preview shows how the CIELCh color 35, 4.114, 2.384 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

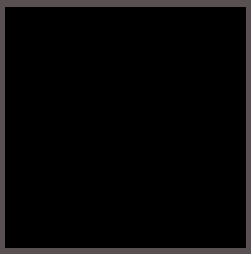
This preview shows how the CIELCh color 35, 4.114, 2.384 looks on a black background.

Color Contrast Check

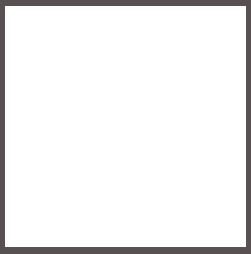
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 35, 4.114, 2.384 Background



This preview shows how black text looks on a background with the CIELCh color 35, 4.114, 2.384.



This preview shows how white text looks on a background with the CIELCh color 35, 4.114, 2.384.

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, 4.114, 2.384

Protanopia
35, 1.069, 343.624

Deuteranopia
35, 4.536, 4.154

Tritanopia
35, 5.706, 339.373

Trichromacy

Original Color
35, 4.114, 2.384

Protanomaly
35, 2.500, 349.792

Deuteranomaly
35, 4.536, 4.154

Tritanomaly
35, 5.328, 344.468

Monochromacy

Original Color
35, 4.114, 2.384

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 1.440, 353.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 4.114, 2.384 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(89, 80, 82) looks like.

```
.text, #text, p{
    color:rgb(89, 80, 82)
}
```

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(89, 80, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 80, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 4.114, 2.384 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(89, 80, 82) }
```

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

```
.border{ border-color:rgb(89, 80, 82) }
```

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

Here you see how a box with a 4 pixel rgb(89, 80, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 80, 82); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 80, 82); box-shadow:4px 4px 4px 4px rgb(89, 80, 82) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 4.114, 2.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(89, 80, 82) }
```

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

```
.background{ background-color:rgb(89, 80,
82) }
```

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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