Converting Colors

CIELCh(47, 4.987, 143.831)

Have a look what the booklet for CIELCh(47, 4.987, 143.831) contains.

CIELCh(47, 5.058, 144.140) 3
Conversions 4
Details 6
Harmonies 11
Previews 20
Color Blindness Simulation 23
CSS Examples 26

Color

CIELCh(47, 5.058, 144.140)

Conversions

Conversions Part 1

Format	Color
Hex	6A716A
RGB	106, 113, 106
RGB Percent	42%, 44%, 42%
CMY	0.5830, 0.5555, 0.5830
CMYK	0.06, 0.00, 0.06, 0.56
HSL	120°, 3%, 43%
HSV	120°, 6%, 44%
XYZ	14.5468, 16.0195, 16.0536
YIQ	110.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

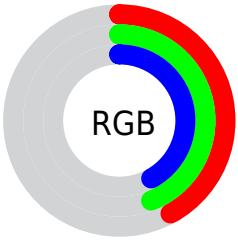
Format	Color
RYB	106, 113, 113
Decimal	6975850
CIELab	47.00, -4.10, 2.96
CIELCh	47, 5.058, 144.140
Yxy	16.0195, 0.3120, 0.3436
Android (android.graphics.Color)	4285165930 (0xFF6A716A)
YUV	110.1090, -2.0257, -3.6036
Hunter-Lab	40.0243, -5.1668, 4.2360

Details

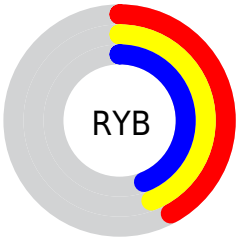
The CIELCh color 47, 5.058, 144.140 is a dark color, and the websafe version is hex 666666. A complement of this color would be 46, 5.071, 324.729, and the grayscale version is 47, 0.006, 296.813.

A 20% lighter version of the original color is 67, 5.392, 144.214, and 27, 4.776, 143.995 is the 20% darker color. If you saturate the color by 10%, you get 46, 13.327, 143.504, and if you desaturate by 10%, it is 48, 3.109, 324.577.

Distribution

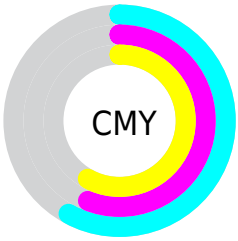


- Red (42%)
- Green (44%)
- Blue (42%)



- Red (42%)
- Yellow (44%)
- Blue (44%)

- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (56%)



- Cyan (58%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 5.058, 144.140 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 47, 5.058, 144.140 by changing the saturation by 10% instead.

47, 5.058, 144.140

100, 5.058, 144.140

67, 5.058, 144.140

77, 5.058, 144.140

87, 5.058, 144.140

97, 5.058, 144.140

47, 5.058, 144.140

37, 5.058, 144.140

27, 5.058, 144.140

17, 5.058, 144.140

7, 5.058, 144.140

0, 5.058, 144.140

47, 5.058, 144.140

46, 13.327, 143.504

45, 21.603,

47, 5.058, 144.140

48, 3.109, 324.577

50, 11.115, 325.064

142.782

44, 29.762, 141.953

43, 37.643, 141.015

42, 45.042, 139.985

42, 51.712, 138.905

42, 57.366, 137.857

41, 61.705, 136.959

41, 64.726, 136.281

51, 18.915, 325.451

53, 26.486, 325.779

54, 33.815, 326.059

56, 40.899, 326.298

58, 47.743, 326.505

60, 54.355, 326.683

62, 60.746, 326.838

Harmonies

Complementary

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

47, 5.058, 144.140

46, 5.071, 324.729

Rectangle

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

47, 5.058, 144.140

47, 5.058, 194.140

47, 5.058, 324.140

47, 5.058, 14.140

Sweetspot

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

47, 5.059, 144.140

61, 2.025, 144.436

48, 4.050, 108.931

31, 1.143, 144.453

81, 0.010, 296.813

31, 0.005, 296.813

Same Dimension

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

47, 5.059, 144.140

60, 7.133, 144.078

47, 3.575, 162.363

23, 3.655, 144.078

43, 68.534, 136.016

85, 117.046, 136.016

Inverse Universe

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

46, 5.071, 324.729

58, 7.147, 324.785

46, 3.606, 343.166

22, 3.663, 324.786

28, 66.124, 328.232

59, 112.931, 328.232

Previews

White Background

This preview shows how the CIELCh color 47, 5.058, 144.140 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 ✕ Fail

Black Background

This preview shows how the CIELCh color 47, 5.058, 144.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
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 47, 5.058, 144.140

Background

This preview shows how black text looks on a background with the CIELCh color 47, 5.058, 144.140.

This preview shows how white text looks on a background with the CIELCh color 47, 5.058, 144.140.

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
47, 5.058, 144.140

Protanopia
47, 3.901, 84.328

Deuteranopia
47, 6.320, 25.432

Tritanopia
47, 5.375, 282.517

Trichromacy

Original Color
47, 5.058, 144.140

Protanomaly
47, 4.124, 109.602

Deuteranomaly
47, 3.399, 50.928

Tritanomaly
47, 2.367, 248.091

Monochromacy

Original Color
47, 5.058, 144.140

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 1.441, 144.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 5.058, 144.140 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(106, 113, 106) looks like.

```
.text, #text, p{
    color:rgb(106, 113, 106)
}
```

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(106, 113, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 113, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 5.058, 144.140 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(106, 113, 106) }
```

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

```
.border{ border-color:rgb(106, 113, 106) }
```

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

Here you see how a box with a 4 pixel rgb(106, 113, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 113, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 113, 106); box-shadow:4px 4px 4px 4px rgb(106, 113, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 5.058, 144.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(106, 113, 106) }
```

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

```
.background{ background-color:rgb(106,
113, 106) }
```

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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