Converting Colors

CIELCh(44, 7.480, 92.300)

Have a look what the booklet for CIELCh(44, 7.480, 92.300) contains.

Color

CIELCh(44, 7.467, 92.313)

Conversions

Format	Color
Hex	6D685C
RGB	109, 104, 92
RGB Percent	43%, 41%, 36%
CMY	0.5738, 0.5933, 0.6404
CMYK	0.00, 0.05, 0.16, 0.57
HSL	42°, 8%, 39%
HSV	42°, 16%, 43%
XYZ	13.1069, 13.8382, 12.0368
YIQ	104.1270, 6.8320, -2.6720

Conversions Part 1

Conversions

Conversions Part 2

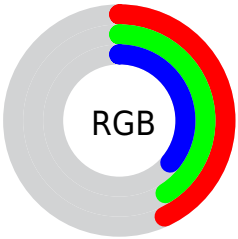
Format	Color
RYB	99, 109, 92
Decimal	7170140
CIELab	44.00, -0.30, 7.46
CIELCh	44, 7.467, 92.313
Yxy	13.8382, 0.3362, 0.3550
Android (android.graphics.Color)	4285360220 (0xFF6D685C)
YUV	104.1270, -5.9786, 4.2736
Hunter-Lab	37.1997, -2.2072, 6.8552

Details

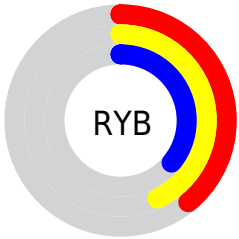
The CIELCh color 44, 7.467, 92.313 is a dark color, and the websafe version is hex 666666. A complement of this color would be 41, 7.497, 276.130, and the grayscale version is 44, 0.006, 296.813.

A 20% lighter version of the original color is 64, 7.589, 91.050, and 24, 7.509, 93.494 is the 20% darker color. If you saturate the color by 10%, you get 43, 12.341, 91.126, and if you desaturate by 10%, it is 45, 2.665, 93.457.

Distribution

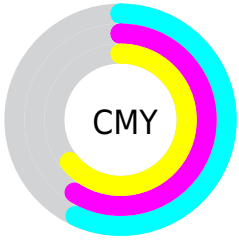


- Red (43%)
- Green (41%)
- Blue (36%)



- Red (39%)
- Yellow (43%)
- Blue (36%)

- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (57%)



- Cyan (57%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 7.467, 92.313 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 44, 7.467, 92.313 by changing the saturation by 10% instead.

44, 7.467, 92.313

100, 7.467, 92.313

64, 7.467, 92.313

74, 7.467, 92.313

84, 7.467, 92.313

94, 7.467, 92.313

44, 7.467, 92.313

34, 7.467, 92.313

24, 7.467, 92.313

14, 7.467, 92.313

4, 7.467, 92.313

0, 7.467, 92.313

44, 7.467, 92.313

43, 12.341, 91.126

42, 17.268, 89.889

41, 22.217, 88.619

44, 7.467, 92.313

45, 2.665, 93.457

46, 2.061, 274.702

48, 6.710, 275.738

39, 27.125, 87.313

38, 31.877, 85.963

37, 36.280, 84.541

36, 40.025, 82.993

35, 42.955, 81.298

35, 44.380, 80.641

49, 11.285, 276.766

50, 15.790, 277.752

52, 20.228, 278.693

53, 24.604, 279.587

54, 28.922, 280.436

56, 33.186, 281.240

Harmonies

Complementary

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

44, 7.467, 92.313

41, 7.497, 276.130

Rectangle

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

44, 7.467, 92.313

44, 7.467, 142.313

44, 7.467, 272.313

44, 7.467, 322.313

Sweetspot

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

44, 7.468, 92.323

58, 2.915, 93.509

41, 7.849, 357.378

30, 2.006, 93.454

80, 0.010, 296.813

30, 0.005, 296.813

Same Dimension

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

44, 7.468, 92.323

56, 11.224, 91.865

45, 10.172, 116.992

22, 2.637, 93.094

38, 46.830, 80.421

76, 80.328, 78.866

Inverse Universe

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

41, 7.497, 276.130

51, 11.273, 276.686

40, 10.496, 299.088

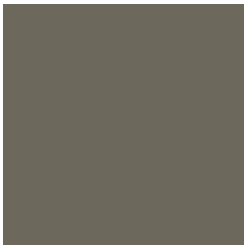
21, 2.647, 275.250

18, 56.149, 297.249

40, 102.500, 299.238

Previews

White Background

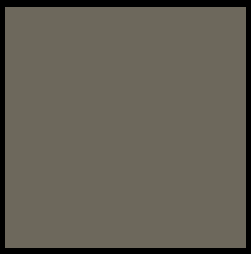


This preview shows how the CIELCh color 44, 7.467, 92.313 looks on a white background.

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



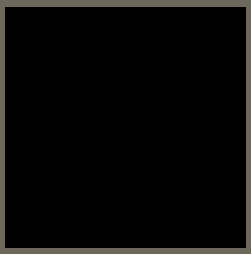
This preview shows how the CIELCh color 44, 7.467, 92.313 looks on a black background.

Color Contrast Check

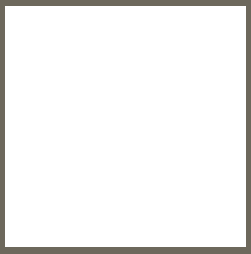
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

CIELCh 44, 7.467, 92.313 Background



This preview shows how black text looks on a background with the CIELCh color 44, 7.467, 92.313.



This preview shows how white text looks on a background with the CIELCh color 44, 7.467, 92.313.

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

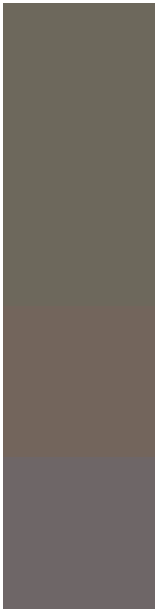
Original Color
44, 7.467, 92.313

Protanopia
44, 7.467, 92.313

Deuteranopia
44, 9.251, 51.105

Tritanopia
44, 6.333, 331.025

Trichromacy



Original Color
44, 7.467, 92.313

Protanomaly
44, 7.467, 92.313

Deuteranomaly
44, 8.158, 60.938

Tritanomaly
44, 3.395, 9.615

Monochromacy

Original Color
44, 7.467, 92.313

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 2.520, 90.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 7.467, 92.313 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(109, 104, 92) looks like.

```
.text, #text, p{
    color:rgb(109, 104, 92)
}
```

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(109, 104, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 104, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 7.467, 92.313 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(109, 104, 92) }
```

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

```
.border{ border-color:rgb(109, 104, 92) }
```

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

Here you see how a box with a 4 pixel rgb(109, 104, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 104, 92); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 104, 92); box-shadow:4px 4px 4px 4px rgb(109, 104, 92) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 7.467, 92.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(109, 104, 92) }
```

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

```
.background{ background-color:rgb(109,
104, 92) }
```

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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