Converting Colors

CIELCh(44, 4.908, 19.906)

Have a look what the booklet for CIELCh(44, 4.908, 19.906) contains.

Color

CIELCh(44, 5.062, 19.980)

Conversions

Format	Color
Hex	716565
RGB	113, 101, 101
RGB Percent	44%, 40%, 40%
CMY	0.5557, 0.6028, 0.6028
CMYK	0.00, 0.11, 0.11, 0.56
HSL	0°, 6%, 42%
HSV	0°, 11%, 44%
XYZ	13.8921, 13.8382, 14.3242
YIQ	104.5880, 7.1520, 2.5440

Conversions Part 1

Conversions

Conversions Part 2

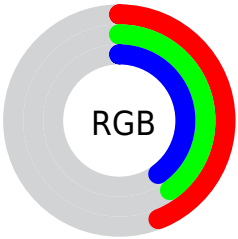
Format	Color
RYB	113, 101, 101
Decimal	7431525
CIELab	44.00, 4.76, 1.73
CIELCh	44, 5.062, 19.980
Yxy	13.8382, 0.3303, 0.3291
Android (android.graphics.Color)	4285621605 (0xFF716565)
YUV	104.5880, -1.7689, 7.3773
Hunter-Lab	37.1997, 1.5605, 3.2094

Details

The CIELCh color 44, 5.062, 19.980 is a dark color, and the websafe version is hex 666666. A complement of this color would be 47, 4.750, 198.952, and the grayscale version is 44, 0.006, 296.813.

A 20% lighter version of the original color is 64, 5.074, 19.795, and 24, 5.199, 20.369 is the 20% darker color. If you saturate the color by 10%, you get 41, 10.211, 20.803, and if you desaturate by 10%, it is 48, 0.276, 18.137.

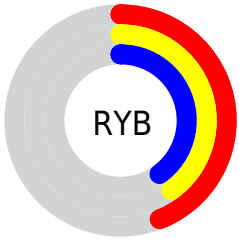
Distribution



Red (44%)

Green (40%)

Blue (40%)



Red (44%)

Yellow (40%)

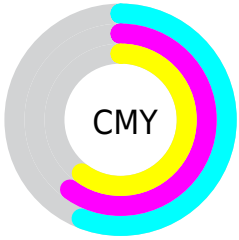
Blue (40%)

Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (56%)



Cyan (56%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 5.062, 19.980 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, 5.062, 19.980 by changing the saturation by 10% instead.

44, 5.062, 19.980	44, 5.062, 19.980
100, 5.062, 19.980	34, 5.062, 19.980
64, 5.062, 19.980	24, 5.062, 19.980
74, 5.062, 19.980	14, 5.062, 19.980
84, 5.062, 19.980	4, 5.062, 19.980
94, 5.062, 19.980	0, 5.062, 19.980

44, 5.062, 19.980	44, 5.062, 19.980
41, 10.211, 20.803	48, 0.276, 18.137
37, 15.729, 21.806	51, 4.166, 199.065
34, 21.593, 23.090	55, 8.294, 198.636

31, 27.736, 24.745

28, 34.044, 26.865

26, 40.348, 29.526

24, 46.419, 32.700

23, 51.567, 35.617

22, 55.286, 37.219

58, 12.139, 198.309

62, 15.734, 198.048

66, 19.107, 197.834

69, 22.286, 197.656

73, 25.295, 197.508

76, 28.155, 197.383

Harmonies

Complementary

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

44, 5.062, 19.980

47, 4.750, 198.952

Rectangle

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

44, 5.062, 19.980

44, 5.062, 69.980

44, 5.062, 199.980

44, 5.062, 249.980

Sweetspot

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

44, 5.061, 19.994

60, 1.734, 19.342

44, 8.713, 324.972

30, 1.309, 19.430

81, 0.010, 296.813

31, 0.005, 296.813

Same Dimension

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

44, 5.061, 19.994

56, 7.804, 20.203

46, 4.357, 74.142

22, 2.648, 19.873

24, 57.998, 37.794

52, 102.187, 40.002

Inverse Universe

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

47, 4.750, 198.952

60, 7.199, 198.801

45, 4.255, 256.789

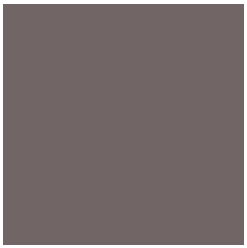
23, 2.510, 199.046

45, 28.667, 196.414

89, 48.958, 196.416

Previews

White Background

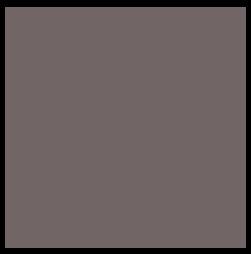


This preview shows how the CIELCh color 44, 5.062, 19.980 looks on a white background.

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



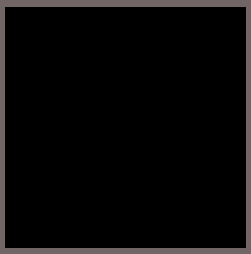
This preview shows how the CIELCh color 44, 5.062, 19.980 looks on a black background.

Color Contrast Check

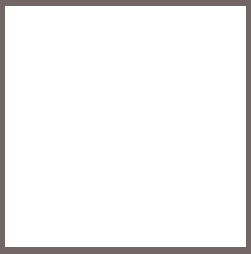
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

CIELCh 44, 5.062, 19.980 Background



This preview shows how black text looks on a background with the CIELCh color 44, 5.062, 19.980.



This preview shows how white text looks on a background with the CIELCh color 44, 5.062, 19.980.

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, 5.062, 19.980

Protanopia
44, 1.013, 55.185

Deuteranopia
44, 5.922, 20.100

Tritanopia
44, 7.523, 340.876

Trichromacy

Original Color
44, 5.062, 19.980

Protanomaly
44, 2.573, 32.974

Deuteranomaly
44, 5.492, 20.040

Tritanomaly
44, 6.847, 348.697

Monochromacy

Original Color
44, 5.062, 19.980

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 1.658, 19.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 5.062, 19.980 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(113, 101, 101) looks like.

```
.text, #text, p{
    color:rgb(113, 101, 101)
}
```

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(113, 101, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 101, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 5.062, 19.980 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(113, 101, 101) }
```

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

```
.border{ border-color:rgb(113, 101, 101) }
```

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

Here you see how a box with a 4 pixel rgb(113, 101, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 101, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 101, 101); box-shadow:4px 4px 4px 4px rgb(113, 101, 101) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 5.062, 19.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(113, 101, 101) }
```

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

```
.background{ background-color:rgb(113,
101, 101) }
```

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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