

Converting Colors

CIELCh(44, 8.194, 198.943)

Have a look what the booklet for
CIELCh(44, 8.194, 198.943) contains.

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Color

CIELCh(44, 8.186, 198.480)

Conversions

Conversions Part 1

Format	Color
Hex	576C6C
RGB	87, 108, 108
RGB Percent	34%, 42%, 42%
CMY	0.6588, 0.5764, 0.5764
CMYK	0.19, 0.00, 0.00, 0.58
HSL	180°, 11%, 38%
HSV	180°, 19%, 42%
XYZ	12.0034, 13.8382, 16.2299
YIQ	101.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

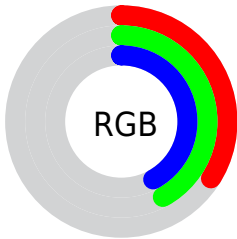
Format	Color
RYB	87, 98, 108
Decimal	5729388
CIELab	44.00, -7.76, -2.59
CIElCh	44, 8.186, 198.480
Yxy	13.8382, 0.2853, 0.3289
Android (android.graphics.Color)	4283919468 (0xFF576C6C)
YUV	101.7210, 3.0955, -12.9103
Hunter-Lab	37.1997, -7.5019, 0.1721

Details

The CIELCh color **44, 8.186, 198.480** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 9.227, 20.671**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 8.111, 198.735**, and **24, 8.299, 197.996** is the 20% darker color. If you saturate the color by 10%, you get **43, 12.003, 198.018**, and if you desaturate by 10%, it is **45, 4.083, 198.999**.

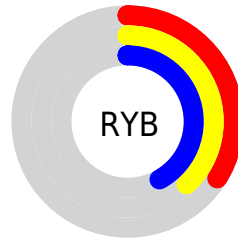
Distribution



Red (34%)

Green (42%)

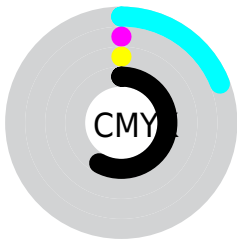
Blue (42%)



Red (34%)

Yellow (38%)

Blue (42%)

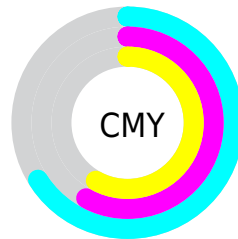


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 8.186, 198.480 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, 8.186, 198.480 by changing the saturation by 10% instead.

■ 44, 8.186, 198.480

■ 44, 8.186, 198.480

■ 100, 8.186,
198.480

■ 34, 8.186, 198.480

■ 64, 8.186, 198.480

■ 24, 8.186, 198.480

■ 74, 8.186, 198.480

■ 14, 8.186, 198.480

■ 84, 8.186, 198.480

■ 4, 8.186, 198.480

■ 94, 8.186, 198.480

■ 0, 8.186, 198.480

■ 44, 8.186, 198.480

■ 44, 8.186, 198.480

■ 43, 12.003,
198.018

■ 45, 4.083, 198.999

■ 43, 15.469,

■ 46, 0.247, 18.001

197.616

47, 4.745, 19.898

42, 18.523,
197.269

48, 9.363, 20.498

42, 21.112,
196.980

49, 14.058, 21.090

41, 23.199,
196.749

50, 18.797, 21.684

41, 24.767,
196.578

51, 23.551, 22.279

41, 25.825,
196.462

53, 28.299, 22.874

41, 26.587,
196.380

41, 26.630,
196.375

Harmonies

Complementary

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



44, 8.186, 198.480



39, 9.227, 20.671

Rectangle

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



44, 8.186, 198.480



44, 8.186, 248.480



44, 8.186, 18.480



44, 8.186, 68.480

Sweetspot

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



44, 8.186, 198.473



58, 3.238, 199.210



43, 15.326, 142.872



30, 2.162, 199.178



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, 8.186, 198.473



56, 11.846, 198.276



41, 7.367, 256.169



22, 2.415, 199.028



44, 28.238, 196.375



88, 48.592, 196.374

Inverse Universe

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



39, 9.227, 20.671



49, 13.732, 21.049



42, 7.767, 71.355



21, 2.547, 19.845



23, 56.950, 37.575



51, 101.388, 39.998

Previews

White Background



This preview shows how the CIELCh color 44, 8.186, 198.480 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 CIE LCh color 44, 8.186, 198.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

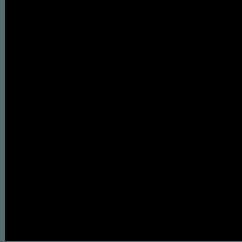
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

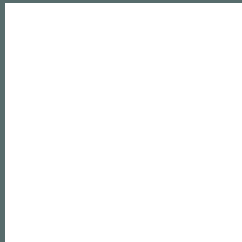
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 8.186, 198.480

Background



This preview shows how black text looks on a background with the CIELCh color 44, 8.186, 198.480.



This preview shows how white text looks on a background with the CIELCh color 44, 8.186, 198.480.

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

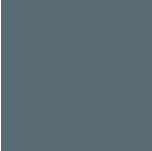
44, 8.186, 198.480

Protanopia

44, 1.466, 324.430

Deuteranopia

44, 6.795, 327.736



Tritanopia
44, 8.533, 233.078

Trichromacy



Original Color
44, 8.186, 198.480

Protanomaly
44, 2.875, 211.243

Deuteranomaly
44, 3.091, 275.540

Tritanomaly
44, 7.812, 221.325

Monochromacy



Original Color
44, 8.186, 198.480

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 2.838, 199.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 8.186, 198.480 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(87, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(87, 108, 108)  
}
```

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(87, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 108, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 8.186, 198.480 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(87, 108, 108) }
```

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

```
.border{ border-color:rgb(87, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 108, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 108, 108); box-shadow:4px 4px 4px 4px rgb(87, 108, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 8.186, 198.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 108, 108) }
```

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

```
.background{ background-color: rgb(87, 108,  
108) }
```

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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