

Converting Colors

CIELCh(44, 6.801, 172.518)

Have a look what the booklet for
CIELCh(44, 6.801, 172.518) contains.

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Color

CIELCh(44, 6.811, 172.507)

Conversions

Conversions Part 1

Format	Color
Hex	5C6B66
RGB	92, 107, 102
RGB Percent	36%, 42%, 40%
CMY	0.6380, 0.5791, 0.5988
CMYK	0.14, 0.00, 0.05, 0.58
HSL	160°, 8%, 39%
HSV	160°, 14%, 42%
XYZ	12.1492, 13.8382, 14.6827
YIQ	101.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

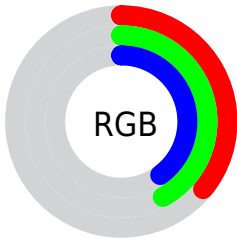
Format	Color
R_{YB}	92, 101, 107
Decimal	6056806
CIE Lab	44.00, -6.75, 0.89
CIE LCh	44, 6.811, 172.507
Yxy	13.8382, 0.2987, 0.3403
Android (android.graphics.Color)	4284246886 (0xFF5C6B66)
YUV	101.9450, 0.0271, -8.7218
Hunter-Lab	37.1997, -6.8027, 2.6382

Details

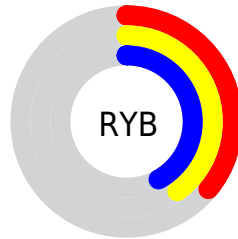
The CIELCh color **44, 6.811, 172.507** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 7.044, 354.915**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 6.700, 174.245**, and **24, 7.086, 170.236** is the 20% darker color. If you saturate the color by 10%, you get **43, 11.580, 171.530**, and if you desaturate by 10%, it is **45, 1.949, 173.497**.

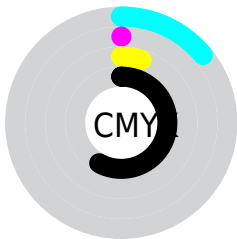
Distribution



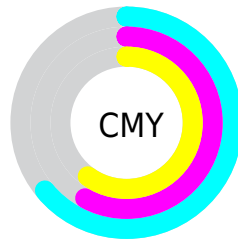
- Red (36%)
- Green (42%)
- Blue (40%)



- Red (36%)
- Yellow (40%)
- Blue (42%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.811, 172.507 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, 6.811, 172.507 by changing the saturation by 10% instead.

■ 44, 6.811, 172.507

■ 44, 6.811, 172.507

■ 100, 6.811,
172.507

■ 34, 6.811, 172.507

■ 64, 6.811, 172.507

■ 24, 6.811, 172.507

■ 74, 6.811, 172.507

■ 14, 6.811, 172.507

■ 84, 6.811, 172.507

■ 4, 6.811, 172.507

■ 94, 6.811, 172.507

■ 0, 6.811, 172.507

■ 44, 6.811, 172.507

■ 44, 6.811, 172.507

■ 43, 11.580,
171.530

■ 45, 1.949, 173.497

■ 42, 16.188,

■ 46, 2.956, 354.075

170.487

47, 7.857, 354.919

42, 20.565,
169.350

48, 12.719,
355.674

41, 24.638,
168.100

50, 17.516,
356.384

41, 28.339,
166.714

51, 22.230,
357.059

40, 31.611,
165.172

52, 26.847,
357.704

40, 34.421,
163.456

54, 31.361,
358.323

40, 36.795,
161.579

55, 35.768,
358.916

40, 38.180,
160.509

Harmonies

Complementary

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



44, 6.811, 172.507



41, 7.044, 354.915

Rectangle

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



44, 6.811, 172.507



44, 6.811, 222.507



44, 6.811, 352.507



44, 6.811, 42.507

Sweetspot

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



44, 6.812, 172.502



58, 2.437, 173.482



44, 9.875, 133.573



30, 1.745, 173.410



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, 6.812, 172.502



56, 10.288, 172.169



43, 5.198, 214.008



22, 2.740, 172.979



43, 40.832, 160.270



86, 71.923, 158.873

Inverse Universe

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



41, 7.044, 354.915



51, 10.728, 355.277



41, 5.667, 33.873



21, 2.801, 354.409



24, 48.256, 15.577



52, 84.190, 19.125

Previews

White Background



This preview shows how the CIE LCh color 44, 6.811, 172.507 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, 6.811, 172.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

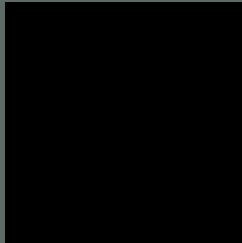
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

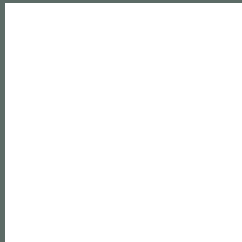
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 6.811, 172.507

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.811, 172.507.



This preview shows how white text looks on a background with the CIELCh color 44, 6.811, 172.507.

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

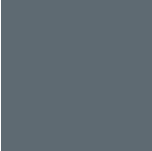
44, 6.811, 172.507

Protanopia

44, 2.443, 66.532

Deuteranopia

44, 6.331, 358.036



Tritanopia
44, 6.583, 245.931

Trichromacy



Original Color
44, 6.811, 172.507

Protanomaly
44, 2.703, 137.187

Deuteranomaly
44, 1.244, 19.286

Tritanomaly
44, 5.583, 224.430

Monochromacy



Original Color
44, 6.811, 172.507

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 2.749, 173.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.811, 172.507 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(92, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(92, 107, 102)  
}
```

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(92, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 107, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.811, 172.507 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(92, 107, 102) }
```

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

```
.border{ border-color:rgb(92, 107, 102) }
```

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

Here you see how a box with a 4 pixel rgb(92, 107, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(92, 107,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.811, 172.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 107, 102) }
```

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

```
.background{ background-color: rgb(92, 107,  
102) }
```

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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