

Converting Colors

CIELCh(44, 10.704, 193.948)

Have a look what the booklet for
CIELCh(44, 10.704, 193.948)
contains.

CIELCh(44, 10.764, 194.959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 10.764, 194.959)

Conversions

Conversions Part 1

Format	Color
Hex	516D6C
RGB	81, 109, 108
RGB Percent	32%, 43%, 42%
CMY	0.6814, 0.5716, 0.5755
CMYK	0.26, 0.00, 0.01, 0.57
HSL	178°, 15%, 37%
HSV	178°, 26%, 43%
XYZ	11.6291, 13.8382, 16.3144
YIQ	100.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

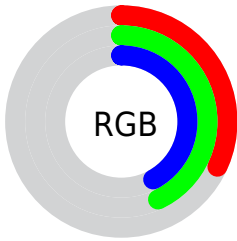
Format	Color
R_{YB}	81, 95, 109
Decimal	5336428
CIE _{Lab}	44.00, -10.40, -2.78
CIE _{LCh}	44, 10.764, 194.959
Yxy	13.8382, 0.2783, 0.3312
Android (android.graphics.Color)	4283526508 (0xFF516D6C)
YUV	100.5140, 3.6906, -17.1138
Hunter-Lab	37.1997, -9.2982, 0.0374

Details

The CIELCh color **44, 10.764, 194.959** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 12.518, 18.477**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 11.029, 192.632**, and **24, 10.417, 197.635** is the 20% darker color. If you saturate the color by 10%, you get **43, 14.464, 194.395**, and if you desaturate by 10%, it is **45, 6.751, 195.547**.

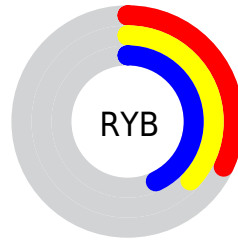
Distribution



Red (32%)

Green (43%)

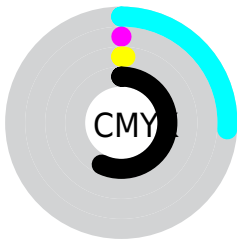
Blue (42%)



Red (32%)

Yellow (37%)

Blue (43%)

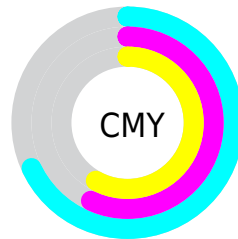


Cyan (26%)

Magenta (0%)

Yellow (1%)

Black (57%)



Cyan (68%)


Magenta (57%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 10.764, 194.959 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, 10.764, 194.959 by changing the saturation by 10% instead.


 44, 10.764,
194.959


 44, 10.764,
194.959


 100, 10.764,
194.959


 34, 10.764,
194.959

 64, 10.764,
194.959


 24, 10.764,
194.959

 74, 10.764,
194.959

 14, 10.764,
194.959


 84, 10.764,
194.959

 4, 10.764, 194.959

 94, 10.764,
194.959

 0, 10.764, 194.959

 44, 10.764,

 44, 10.764,

194.959

194.959

■ 43, 14.464,
194.395

■ 45, 6.751, 195.547

■ 43, 17.785,
193.863

■ 46, 2.488, 196.228

■ 47, 1.963, 16.516

■ 42, 20.666,
193.355

■ 48, 6.550, 17.262

■ 42, 23.061,
192.869

■ 49, 11.224, 17.912

■ 50, 15.949, 18.554

■ 42, 24.938,
192.399

■ 51, 20.694, 19.191

■ 41, 26.293,
191.937

■ 52, 25.434, 19.823

■ 54, 30.151, 20.448

■ 41, 27.207,
191.478

■ 41, 27.582,
191.283

Harmonies

Complementary

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



44, 10.764, 194.959



37, 12.518, 18.477

Rectangle

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



44, 10.764, 194.959



44, 10.764, 244.959



44, 10.764, 14.959



44, 10.764, 64.959

Sweetspot

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



44, 10.764, 194.954



58, 4.377, 196.030



43, 20.193, 141.603



30, 3.081, 195.945



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, 10.764, 194.954



56, 15.888, 194.603



40, 9.492, 253.264



22, 2.424, 195.979



44, 29.020, 191.244



88, 50.028, 190.950

Inverse Universe

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



37, 12.518, 18.477



46, 19.248, 19.192



41, 10.346, 67.026



21, 2.547, 16.946



23, 56.014, 36.163



51, 99.991, 38.979

Previews

White Background



This preview shows how the CIELCh color 44, 10.764, 194.959 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, 10.764, 194.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

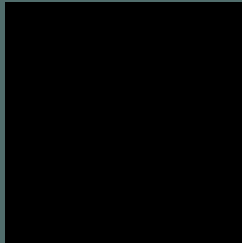
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 10.764, 194.959

Background



This preview shows how black text looks on a background with the CIELCh color 44, 10.764, 194.959.



This preview shows how white text looks on a background with the CIELCh color 44, 10.764, 194.959.

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, 10.764, 194.959

Protanopia

44, 1.466, 324.430

Deuteranopia

44, 6.795, 327.736



Tritanopia
44, 10.562, 229.390

Trichromacy



Original Color
44, 10.764, 194.959

Protanomaly
44, 3.651, 208.546

Deuteranomaly
44, 3.373, 262.273

Tritanomaly
44, 10.269, 219.018

Monochromacy



Original Color
44, 10.764, 194.959

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.028, 198.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 10.764, 194.959 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(81, 109, 108)` looks like.

```
.text, #text, p{  
    color:rgb(81, 109, 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(81, 109, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 109, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 10.764, 194.959 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(81, 109, 108) }
```

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

```
.border{ border-color:rgb(81, 109, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 109, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 109, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 109, 108);  
box-shadow:4px 4px 4px 4px rgb(81, 109,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 10.764, 194.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 109, 108) }
```

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

```
.background{ background-color: rgb(81, 109,  
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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