

Converting Colors

CIELCh(44, 19.602, 209.869)

Have a look what the booklet for
CIELCh(44, 19.602, 209.869)
contains.

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Color

CIELCh(44, 19.617, 209.826)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 367178 |
| RGB | 54, 113, 120 |
| RGB Percent | 21%, 44%, 47% |
| CMY | 0.7899, 0.5584, 0.5310 |
| CMYK | 0.55, 0.06, 0.00, 0.53 |
| HSL | 186°, 38%, 34% |
| HSV | 186°, 55%, 47% |
| XYZ | 10.7234, 13.8382, 19.7455 |
| YIQ | 96.1570, -37.4110, -10.3310 |

Conversions

Conversions Part 2

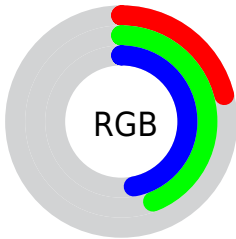
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 54, 85, 120 |
| Decimal | 3567992 |
| CIELab | 44.00, -17.02, -9.76 |
| CIElCh | 44, 19.617, 209.826 |
| Yxy | 13.8382, 0.2420, 0.3123 |
| Android (android.graphics.Color) | 4281758072 (0xFF367178) |
| YUV | 96.1570, 11.7546, -36.9717 |
| Hunter-Lab | 37.1997, -13.6444, -5.4311 |




Details

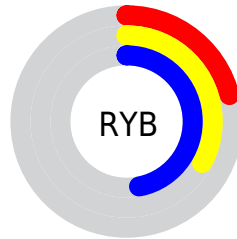
The CIELCh color **44, 19.617, 209.826** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 29.625, 32.638**, and the grayscale version is **41, 0.006, 296.813**.




A 20% lighter version of the original color is **64, 19.557, 209.443**, and **24, 18.112, 211.720** is the 20% darker color. If you saturate the color by 10%, you get **43, 21.808, 210.450**, and if you desaturate by 10%, it is **45, 16.921, 209.405**.

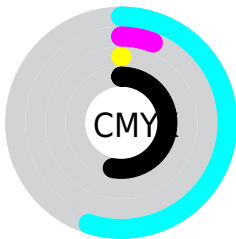
Distribution







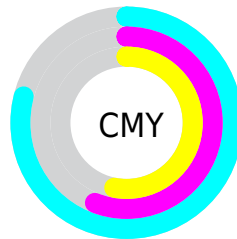
-  Red (21%)
-  Green (44%)
-  Blue (47%)






-  Red (21%)
-  Yellow (33%)
-  Blue (47%)



-  Cyan (55%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (79%)
-  Magenta (56%)
-  Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 19.617, 209.826 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, 19.617, 209.826 by changing the saturation by 10% instead.

 44, 19.617,
209.826


 44, 19.617,
209.826


 100, 19.617,
209.826

 34, 19.617,
209.826

 64, 19.617,
209.826


 24, 19.617,
209.826

 74, 19.617,
209.826


 14, 19.617,
209.826


 84, 19.617,
209.826

 4, 19.617, 209.826

 94, 19.617,
209.826

 0, 19.617, 209.826

 44, 19.617,

 44, 19.617,

209.826

■ 43, 21.808,
210.450

■ 42, 23.461,
211.319

■ 42, 24.571,
212.467

■ 41, 25.198,
213.904

■ 41, 25.460,
214.606

209.826

■ 45, 16.921,
209.405

■ 46, 13.773,
209.160

■ 47, 10.234,
209.060

■ 48, 6.367, 209.089

■ 50, 2.237, 209.298

■ 51, 2.101, 29.116

■ 52, 6.595, 29.468

■ 54, 11.202, 29.761

■ 55, 15.888, 30.073

Harmonies

Complementary

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



44, 19.617, 209.826



33, 29.625, 32.638

Rectangle

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



44, 19.617, 209.826



44, 19.617, 259.826



44, 19.617, 29.826



44, 19.617, 79.826

Sweetspot

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



44, 19.617, 209.824



61, 8.771, 209.071



45, 43.395, 142.683



32, 5.885, 209.063



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 19.617, 209.824



55, 26.936, 210.637



34, 25.745, 275.626



24, 2.357, 209.180



42, 25.882, 214.656



82, 43.706, 215.806

Inverse Universe

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



33, 42.872, 330.530



41, 61.036, 331.184



41, 27.249, 78.310



23, 4.424, 327.924



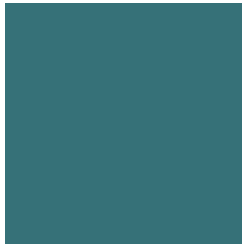
28, 61.954, 332.775



58, 104.572, 333.057

Previews

White Background



This preview shows how the CIELCh color 44, 19.617, 209.826 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, 19.617, 209.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

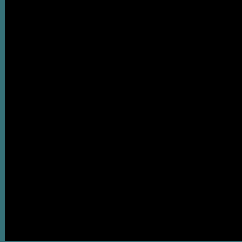
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 19.617, 209.826

Background



This preview shows how black text looks on a background with the CIELCh color 44, 19.617, 209.826.



This preview shows how white text looks on a background with the CIELCh color 44, 19.617, 209.826.

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, 19.617, 209.826

Protanopia

44, 6.007, 287.264

Deuteranopia

44, 12.739, 298.885



Tritanopia
44, 19.431, 213.719

Trichromacy



Original Color
44, 19.617, 209.826

Protanomaly
43, 9.708, 232.650

Deuteranomaly
43, 11.669, 254.733

Tritanomaly
44, 19.391, 211.873

Monochromacy



Original Color
44, 19.617, 209.826

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 8.285, 211.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 19.617, 209.826 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(54, 113, 120)` looks like.

```
.text, #text, p{  
    color:rgb(54, 113, 120)  
}
```

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(54, 113, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 113, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 19.617, 209.826 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(54, 113, 120) }
```

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

```
.border{ border-color:rgb(54, 113, 120) }
```

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

Here you see how a box with a 4 pixel rgb(54, 113, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 113, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 113, 120);  
box-shadow:4px 4px 4px 4px rgb(54, 113,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 19.617, 209.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 113, 120) }
```

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

```
.background{ background-color: rgb(54, 113,  
120) }
```

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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