

Converting Colors

CIELCh(44, 14.565, 210.627)

Have a look what the booklet for
CIELCh(44, 14.565, 210.627)
contains.

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Color

CIELCh(44, 14.824, 209.578)

Conversions

Conversions Part 1

Format	Color
Hex	466F74
RGB	70, 111, 116
RGB Percent	27%, 44%, 45%
CMY	0.7268, 0.5660, 0.5464
CMYK	0.40, 0.04, 0.00, 0.55
HSL	187°, 25%, 36%
HSV	187°, 40%, 45%
XYZ	11.2822, 13.8382, 18.4963
YIQ	99.3110, -26.0410, -7.1370

Conversions

Conversions Part 2

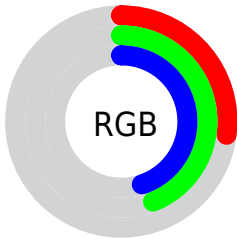
Format	Color
RYB	70, 92, 116
Decimal	4616052
CIELab	44.00, -12.89, -7.32
CIELCh	44, 14.824, 209.578
Yxy	13.8382, 0.2587, 0.3173
Android (android.graphics.Color)	4282806132 (0xFF466F74)
YUV	99.3110, 8.2277, -25.7057
Hunter-Lab	37.1997, -10.9627, -3.4400

Details

The CIELCh color **44, 14.824, 209.578** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36, 19.586, 31.197**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 14.803, 209.128**, and **24, 14.803, 210.204** is the 20% darker color. If you saturate the color by 10%, you get **43, 17.694, 209.911**, and if you desaturate by 10%, it is **45, 11.548, 209.398**.

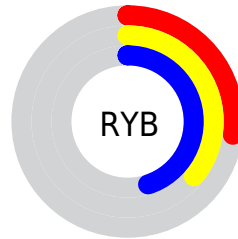
Distribution



Red (27%)

Green (44%)

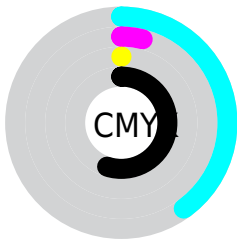
Blue (45%)



Red (27%)

Yellow (36%)

Blue (45%)

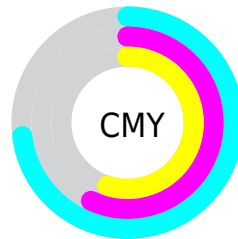


Cyan (40%)

Magenta (4%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (57%)

Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 14.824, 209.578 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, 14.824, 209.578 by changing the saturation by 10% instead.


 44, 14.824,
209.578


 44, 14.824,
209.578


 100, 14.824,
209.578


 34, 14.824,
209.578

 64, 14.824,
209.578


 24, 14.824,
209.578

 74, 14.824,
209.578

 14, 14.824,
209.578


 84, 14.824,
209.578

 4, 14.824, 209.578

 94, 14.824,
209.578

 0, 14.824, 209.578

 44, 14.824,

 44, 14.824,

209.578

209.578

■ 43, 17.694,
209.911

■ 45, 11.548,
209.398

■ 42, 20.104,
210.438

■ 46, 7.929, 209.356

■ 41, 22.009,
211.189

■ 47, 4.027, 209.449

■ 49, 0.099, 25.724

■ 41, 23.388,
212.204

■ 50, 4.398, 29.593

■ 40, 24.248,
213.520

■ 52, 8.825, 29.878

■ 53, 13.343, 30.171

■ 40, 24.806,
215.018

■ 55, 17.921, 30.483

■ 40, 24.819,
215.053

■ 56, 22.534, 30.812

Harmonies

Complementary

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



44, 14.824, 209.578



36, 19.586, 31.197

Rectangle

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



44, 14.824, 209.578



44, 14.824, 259.578



44, 14.824, 29.578



44, 14.824, 79.578

Sweetspot

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



44, 14.824, 209.575



60, 6.099, 209.410



45, 30.991, 144.352



31, 4.066, 209.398



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 14.824, 209.575



55, 21.228, 209.889



37, 17.960, 271.841



24, 2.352, 209.463



42, 25.834, 215.179



82, 43.627, 216.364

Inverse Universe

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



36, 30.791, 329.758



44, 45.502, 330.286



42, 18.751, 80.420



23, 4.415, 328.007



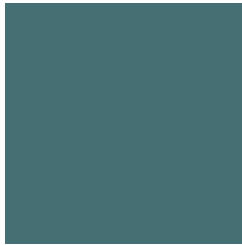
27, 61.829, 332.903



58, 104.350, 333.194

Previews

White Background



This preview shows how the CIELCh color 44, 14.824, 209.578 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, 14.824, 209.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

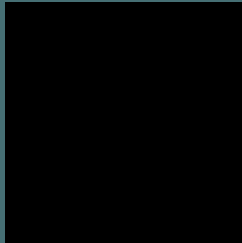
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 14.824, 209.578

Background



This preview shows how black text looks on a background with the CIELCh color 44, 14.824, 209.578.



This preview shows how white text looks on a background with the CIELCh color 44, 14.824, 209.578.

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, 14.824, 209.578

Protanopia

44, 4.801, 290.873

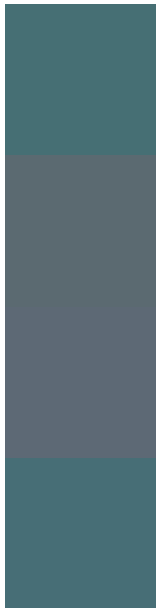
Deuteranopia

44, 10.517, 304.538



Tritanopia
44, 14.589, 219.862

Trichromacy



Original Color
44, 14.824, 209.578

Protanomaly
44, 7.051, 235.565

Deuteranomaly
44, 8.413, 258.222

Tritanomaly
44, 14.464, 217.480

Monochromacy



Original Color
44, 14.824, 209.578

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.020, 210.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 14.824, 209.578 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(70, 111, 116)` looks like.

```
.text, #text, p{  
    color:rgb(70, 111, 116)  
}
```

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(70, 111, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 111, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 14.824, 209.578 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(70, 111, 116) }
```

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

```
.border{ border-color:rgb(70, 111, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 111, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 111, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 111, 116);  
box-shadow:4px 4px 4px 4px rgb(70, 111,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 14.824, 209.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 111, 116) }
```

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

```
.background{ background-color: rgb(70, 111,  
116) }
```

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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