

Converting Colors

CIELCh(45, 17.929, 211.159)

Have a look what the booklet for
CIELCh(45, 17.929, 211.159)
contains.

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Color

CIELCh(45, 17.923, 211.177)

Conversions

Conversions Part 1

Format	Color
Hex	3E7279
RGB	62, 114, 121
RGB Percent	24%, 45%, 47%
CMY	0.7554, 0.5515, 0.5241
CMYK	0.49, 0.06, 0.00, 0.52
HSL	187°, 32%, 36%
HSV	187°, 49%, 48%
XYZ	11.5415, 14.5417, 20.4046
YIQ	99.2500, -33.2390, -8.8470

Conversions

Conversions Part 2

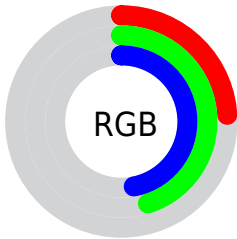
Format	Color
RYB	62, 90, 121
Decimal	4092537
CIELab	45.00, -15.33, -9.28
CIElCh	45, 17.923, 211.177
Yxy	14.5417, 0.2483, 0.3128
Android (android.graphics.Color)	4282282617 (0xFF3E7279)
YUV	99.2500, 10.7228, -32.6682
Hunter-Lab	38.1336, -12.7090, -5.0314

Details

The CIELCh color **45, 17.923, 211.177** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 25.567, 32.841**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 17.860, 210.682**, and **25, 17.925, 211.888** is the 20% darker color. If you saturate the color by 10%, you get **44, 20.458, 211.773**, and if you desaturate by 10%, it is **46, 14.916, 210.780**.

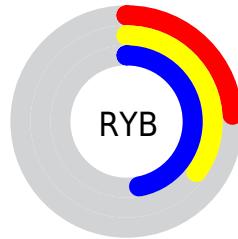
Distribution



Red (24%)

Green (45%)

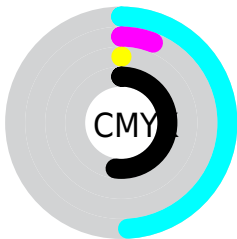
Blue (47%)



Red (24%)

Yellow (35%)

Blue (47%)

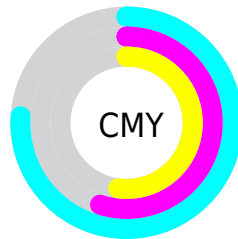


Cyan (49%)

Magenta (6%)

Yellow (0%)

Black (52%)



Cyan (76%)


Magenta (55%)

Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 17.923, 211.177 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 45, 17.923, 211.177 by changing the saturation by 10% instead.


 45, 17.923,
211.177


 45, 17.923,
211.177


 100, 17.923,
211.177


 35, 17.923,
211.177

 65, 17.923,
211.177


 25, 17.923,
211.177

 75, 17.923,
211.177

 15, 17.923,
211.177


 85, 17.923,
211.177

 5, 17.923, 211.177

 95, 17.923,
211.177

 0, 17.923, 211.177

 45, 17.923,

 45, 17.923,

211.177

■ 44, 20.458,
211.773

■ 43, 22.474,
212.613

■ 42, 23.946,
213.739

■ 42, 24.880,
215.194

■ 41, 25.439,
216.905

■ 41, 25.516,
217.140

211.177

■ 46, 14.916,
210.780

■ 47, 11.496,
210.555

■ 48, 7.727, 210.474

■ 50, 3.673, 210.540

■ 51, 0.608, 29.898

■ 53, 5.061, 30.619

■ 54, 9.643, 30.870

■ 56, 14.316, 31.136

■ 57, 19.048, 31.423

Harmonies

Complementary

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



45, 17.923, 211.177



35, 25.567, 32.841

Rectangle

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



45, 17.923, 211.177



45, 17.923, 261.177



45, 17.923, 31.177



45, 17.923, 81.177

Sweetspot

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



45, 17.923, 211.175



63, 7.807, 210.477



46, 38.604, 143.902



32, 5.272, 210.474



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



45, 17.923, 211.175



57, 25.015, 211.832



36, 23.412, 275.380



25, 2.417, 210.532



42, 26.050, 217.211



82, 43.700, 218.490

Inverse Universe

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



36, 38.409, 330.608



43, 55.461, 331.215



43, 24.360, 80.705



24, 4.544, 328.324



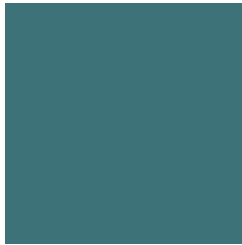
28, 62.268, 333.403



58, 104.316, 333.718

Previews

White Background



This preview shows how the CIE LCh color 45, 17.923, 211.177 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 45, 17.923, 211.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

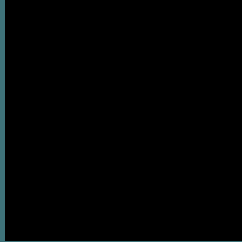
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 17.923, 211.177

Background



This preview shows how black text looks on a background with the CIELCh color 45, 17.923, 211.177.



This preview shows how white text looks on a background with the CIELCh color 45, 17.923, 211.177.

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
45, 17.923, 211.177

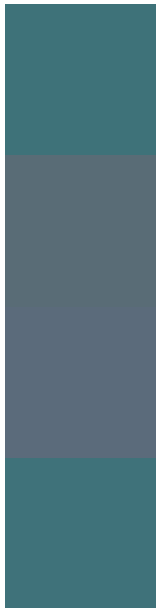
Protanopia
45, 6.577, 291.109

Deuteranopia
45, 12.752, 300.585



Tritanopia
45, 17.779, 215.396

Trichromacy



Original Color
45, 17.923, 211.177

Protanomaly
44, 9.167, 239.720

Deuteranomaly
44, 11.081, 259.156

Tritanomaly
45, 17.713, 213.406

Monochromacy



Original Color
45, 17.923, 211.177

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 7.548, 212.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 17.923, 211.177 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(62, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(62, 114, 121)  
}
```

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(62, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 114, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 17.923, 211.177 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(62, 114, 121) }
```

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

```
.border{ border-color:rgb(62, 114, 121) }
```

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

Here you see how a box with a 4 pixel rgb(62, 114, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(62, 114,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 17.923, 211.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 114, 121) }
```

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

```
.background{ background-color: rgb(62, 114,  
121) }
```

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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