

Converting Colors

CIELCh(44, 21.374, 217.225)

Have a look what the booklet for
CIELCh(44, 21.374, 217.225)
contains.

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Color

CIELCh(44, 21.495, 217.069)

Conversions

Conversions Part 1

Format	Color
Hex	2E717D
RGB	46, 113, 125
RGB Percent	18%, 44%, 49%
CMY	0.8201, 0.5573, 0.5103
CMYK	0.63, 0.10, 0.00, 0.51
HSL	189°, 46%, 33%
HSV	189°, 63%, 49%
XYZ	10.7057, 13.8382, 21.4676
YIQ	94.3350, -43.7840, -10.4720

Conversions

Conversions Part 2

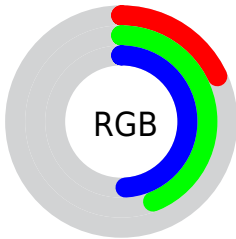
Format	Color
R_{YB}	46, 82, 125
Decimal	3043709
CIE _{Lab}	44.00, -17.15, -12.96
CIE _{LCh}	44, 21.495, 217.069
Yxy	13.8382, 0.2327, 0.3008
Android (android.graphics.Color)	4281233789 (0xFF2E717D)
YUV	94.3350, 15.1178, -42.3898
Hunter-Lab	37.1997, -13.7290, -8.1759




Details

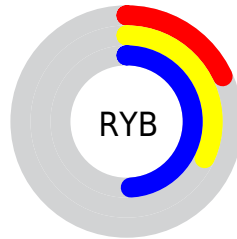
The CIELCh color **44, 21.495, 217.069** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 35.070, 36.980**, and the grayscale version is **40, 0.006, 296.813**.




A 20% lighter version of the original color is **64, 21.520, 217.666**, and **25, 18.253, 220.696** is the 20% darker color. If you saturate the color by 10%, you get **43, 23.285, 218.441**, and if you desaturate by 10%, it is **45, 19.178, 216.028**.

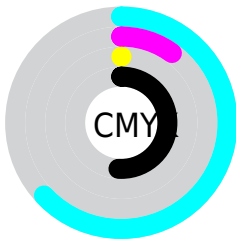
Distribution







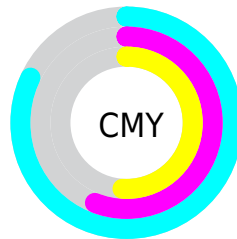
-  Red (18%)
-  Green (44%)
-  Blue (49%)






-  Red (18%)
-  Yellow (32%)
-  Blue (49%)



-  Cyan (63%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (82%)
-  Magenta (56%)
-  Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 21.495, 217.069 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, 21.495, 217.069 by changing the saturation by 10% instead.

 44, 21.495,
217.069


 44, 21.495,
217.069


 100, 21.495,
217.069

 34, 21.495,
217.069

 64, 21.495,
217.069


 24, 21.495,
217.069

 74, 21.495,
217.069

 14, 21.495,
217.069

 84, 21.495,
217.069

 4, 21.495, 217.069

 94, 21.495,
217.069

 0, 21.495, 217.069

 44, 21.495,

 44, 21.495,

217.069

■ 43, 23.285,
218.441

■ 42, 24.541,
220.207

■ 41, 25.295,
222.415

■ 41, 25.701,
223.986

217.069

■ 45, 19.178,
216.028

■ 46, 16.372,
215.267

■ 48, 13.130,
214.735

■ 49, 9.515, 214.393

■ 50, 5.589, 214.215

■ 52, 1.413, 214.332

■ 53, 2.958, 33.924

■ 55, 7.478, 34.076

■ 57, 12.105, 34.223

Harmonies

Complementary

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



44, 21.495, 217.069



33, 35.070, 36.980

Rectangle

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



44, 21.495, 217.069



44, 21.495, 267.069



44, 21.495, 37.069



44, 21.495, 87.069

Sweetspot

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



44, 21.495, 217.068



64, 9.784, 214.306



46, 48.961, 143.088



32, 6.651, 214.357



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 21.495, 217.068



55, 29.074, 219.196



32, 33.016, 282.062



25, 2.358, 214.196



41, 25.712, 223.988



79, 43.227, 225.691

Inverse Universe

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



33, 48.148, 332.697



40, 67.298, 333.610



43, 33.355, 81.526



24, 4.440, 329.391



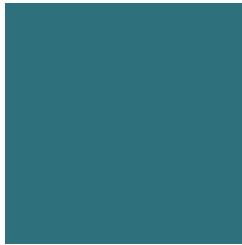
28, 60.738, 335.093



58, 101.626, 335.526

Previews

White Background



This preview shows how the CIE LCh color 44, 21.495, 217.069 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, 21.495, 217.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

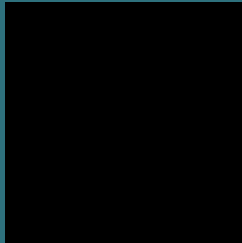
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 21.495, 217.069

Background



This preview shows how black text looks on a background with the CIELCh color 44, 21.495, 217.069.



This preview shows how white text looks on a background with the CIELCh color 44, 21.495, 217.069.

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, 21.495, 217.069

Protanopia

44, 9.015, 286.535

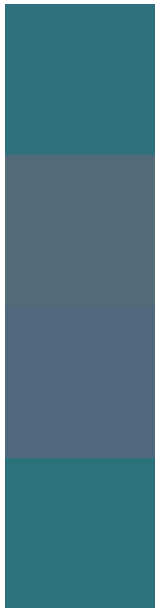
Deuteranopia

44, 15.625, 292.389



Tritanopia
44, 21.549, 211.863

Trichromacy



Original Color
44, 21.495, 217.069

Protanomaly
44, 12.367, 241.665

Deuteranomaly
43, 14.908, 257.187

Tritanomaly
44, 21.576, 213.540

Monochromacy



Original Color
44, 21.495, 217.069

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 9.761, 212.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 21.495, 217.069 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(46, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(46, 113, 125)  
}
```

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(46, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 113, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 21.495, 217.069 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(46, 113, 125) }
```

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

```
.border{ border-color:rgb(46, 113, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 113, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 113, 125);  
box-shadow:4px 4px 4px 4px rgb(46, 113,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 21.495, 217.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 113, 125) }
```

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

```
.background{ background-color: rgb(46, 113,  
125) }
```

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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