

Converting Colors

CIELCh(44, 7.513, 246.233)

Have a look what the booklet for
CIELCh(44, 7.513, 246.233) contains.

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Color

CIELCh(44, 7.499, 245.160)

Conversions

Conversions Part 1

Format	Color
Hex	5C6A73
RGB	92, 106, 115
RGB Percent	36%, 42%, 45%
CMY	0.6390, 0.5841, 0.5488
CMYK	0.20, 0.08, 0.00, 0.55
HSL	203°, 11%, 41%
HSV	203°, 20%, 45%
XYZ	12.6780, 13.8382, 18.2409
YIQ	102.8400, -11.2330, -0.1690

Conversions

Conversions Part 2

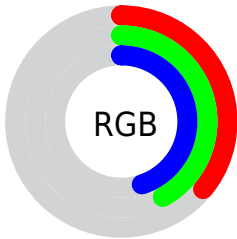
Format	Color
R_{YB}	92, 101, 115
Decimal	6056563
CIE _{Lab}	44.00, -3.15, -6.81
CIE _{LCh}	44, 7.499, 245.160
Yxy	13.8382, 0.2833, 0.3092
Android (android.graphics.Color)	4284246643 (0xFF5C6A73)
YUV	102.8400, 5.9949, -9.5067
Hunter-Lab	37.1997, -4.2652, -3.0331

Details

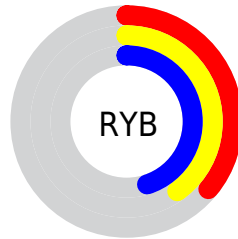
The CIELCh color $44, 7.499, 245.160$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 8.157, 60.933$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 7.461, 247.658$, and $24, 7.360, 245.149$ is the 20% darker color. If you saturate the color by 10%, you get $42, 11.061, 246.646$, and if you desaturate by 10%, it is $46, 3.803, 243.945$.

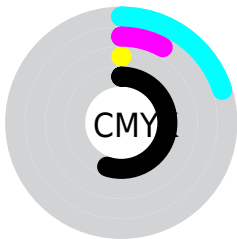
Distribution



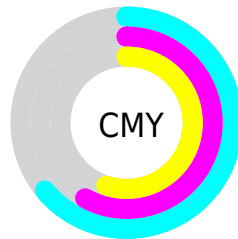
- Red (36%)
- Green (42%)
- Blue (45%)



- Red (36%)
- Yellow (40%)
- Blue (45%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 7.499, 245.160 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, 7.499, 245.160 by changing the saturation by 10% instead.

 44, 7.499, 245.160	 44, 7.499, 245.160
 100, 7.499, 245.160	 34, 7.499, 245.160
 64, 7.499, 245.160	 24, 7.499, 245.160
 74, 7.499, 245.160	 14, 7.499, 245.160
 84, 7.499, 245.160	 4, 7.499, 245.160
 94, 7.499, 245.160	 0, 7.499, 245.160

 44, 7.499, 245.160	 44, 7.499, 245.160
 42, 11.061, 246.646	 46, 3.803, 243.945
 40, 14.461,	 48, 0.005, 336.032

248.464

51, 3.885, 61.890

38, 17.674,
250.668

53, 7.829, 61.203

36, 20.684,
253.325

55, 11.813, 60.603

34, 23.492,
256.495

58, 15.823, 60.087

32, 26.121,
260.215

62, 23.868, 59.258

30, 28.623,
264.469

65, 27.884, 58.923

28, 31.163,
268.774

28, 31.166,
268.779

Harmonies

Complementary

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



44, 7.499, 245.160



44, 8.157, 60.933

Rectangle

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



44, 7.499, 245.160



44, 7.499, 295.160



44, 7.499, 65.160



44, 7.499, 115.160

Sweetspot

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



44, 7.499, 245.152



61, 2.860, 243.574



46, 12.637, 156.359



31, 1.911, 243.616



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, 7.499, 245.152



56, 11.131, 245.808



41, 12.378, 287.290



23, 2.179, 243.848



30, 32.734, 269.146



61, 57.860, 272.151

Inverse Universe

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



42, 12.734, 339.685



52, 19.087, 340.066



47, 11.988, 102.949



23, 3.612, 338.826



26, 51.297, 351.002



55, 86.118, 352.774

Previews

White Background



This preview shows how the CIELCh color 44, 7.499, 245.160 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, 7.499, 245.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

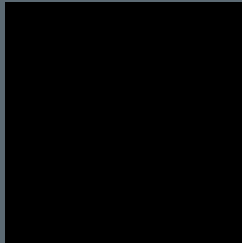
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

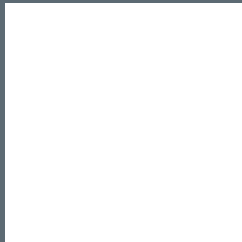
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 7.499, 245.160

Background



This preview shows how black text looks on a background with the CIELCh color 44, 7.499, 245.160.



This preview shows how white text looks on a background with the CIELCh color 44, 7.499, 245.160.

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

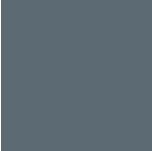
44, 7.499, 245.160

Protanopia

44, 6.000, 291.041

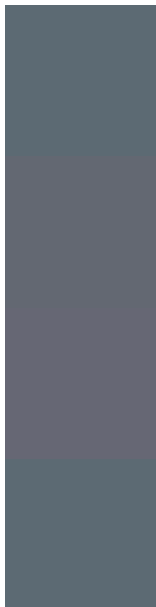
Deuteranopia

44, 9.465, 308.466



Tritanopia
44, 7.499, 245.160

Trichromacy



Original Color
44, 7.499, 245.160

Protanomaly
44, 6.266, 272.820

Deuteranomaly
44, 7.801, 288.420

Tritanomaly
44, 7.499, 245.160

Monochromacy



Original Color
44, 7.499, 245.160

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 2.676, 241.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 7.499, 245.160 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(92, 106, 115)` looks like.

```
.text, #text, p{  
    color:rgb(92, 106, 115)  
}
```

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(92, 106, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 106, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 7.499, 245.160 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(92, 106, 115) }
```

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

```
.border{ border-color:rgb(92, 106, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 106, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 106, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 106, 115);  
box-shadow:4px 4px 4px 4px rgb(92, 106,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 7.499, 245.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 106, 115) }
```

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

```
.background{ background-color: rgb(92, 106,  
115) }
```

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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