

Converting Colors

CIELCh(44, 7.597, 161.717)

Have a look what the booklet for
CIELCh(44, 7.597, 161.717) contains.

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Color

CIELCh(44, 7.140, 162.641)

Conversions

Conversions Part 1

Format	Color
Hex	5D6B64
RGB	93, 107, 100
RGB Percent	36%, 42%, 39%
CMY	0.6343, 0.5793, 0.6068
CMYK	0.13, 0.00, 0.07, 0.58
HSL	150°, 7%, 39%
HSV	150°, 13%, 42%
XYZ	12.1402, 13.8382, 14.1557
YIQ	102.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

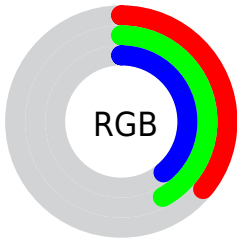
Format	Color
R _Y B	93, 102, 107
Decimal	6122340
CIE Lab	44.00, -6.81, 2.13
CIE LCh	44, 7.140, 162.641
Yxy	13.8382, 0.3025, 0.3448
Android (android.graphics.Color)	4284312420 (0xFF5D6B64)
YUV	102.0160, -0.9939, -7.9070
Hunter-Lab	37.1997, -6.8457, 3.4781

Details

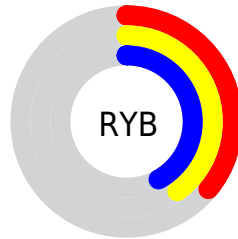
The CIELCh color **44, 7.140, 162.641** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 7.255, 344.653**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 6.961, 164.741**, and **24, 7.523, 160.063** is the 20% darker color. If you saturate the color by 10%, you get **43, 12.584, 161.729**, and if you desaturate by 10%, it is **45, 1.667, 163.565**.

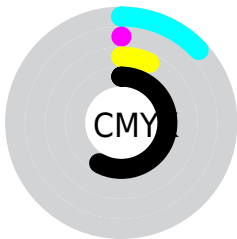
Distribution



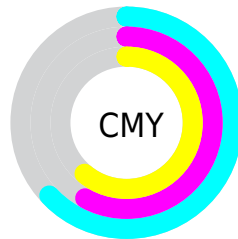
- Red (36%)
- Green (42%)
- Blue (39%)



- Red (36%)
- Yellow (40%)
- Blue (42%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (58%)





















- Cyan (63%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 7.140, 162.641 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, 7.140, 162.641 by changing the saturation by 10% instead.

 44, 7.140, 162.641	 44, 7.140, 162.641
 100, 7.140, 162.641	 34, 7.140, 162.641
 64, 7.140, 162.641	 24, 7.140, 162.641
 74, 7.140, 162.641	 14, 7.140, 162.641
 84, 7.140, 162.641	 4, 7.140, 162.641
 94, 7.140, 162.641	 0, 7.140, 162.641

 44, 7.140, 162.641	 44, 7.140, 162.641
 43, 12.584, 161.729	 45, 1.667, 163.565
 42, 17.931,	 46, 3.784, 344.081

160.731

47, 9.170, 344.800

42, 23.107,
159.617

49, 14.462,
345.439

41, 28.028,
158.367

50, 19.637,
346.029

40, 32.613,
156.960

51, 24.681,
346.579

40, 36.789,
155.376

53, 29.587,
347.095

40, 40.504,
153.604

54, 34.352,
347.582

39, 43.751,
151.658

56, 38.976,
348.043

39, 45.907,
150.390

Harmonies

Complementary

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



44, 7.140, 162.641



41, 7.255, 344.653

Rectangle

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



44, 7.140, 162.641



44, 7.140, 212.641



44, 7.140, 342.641



44, 7.140, 32.641

Sweetspot

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



44, 7.141, 162.638



58, 2.720, 163.444



44, 8.833, 127.936



30, 1.949, 163.381



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 7.141, 162.638



56, 10.900, 162.338



44, 5.573, 197.360



22, 3.068, 162.995



43, 49.166, 150.140



85, 87.129, 148.701

Inverse Universe

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



41, 7.255, 344.653



52, 11.116, 344.953



41, 6.013, 18.822



21, 3.104, 344.296



24, 47.928, 0.149



53, 82.064, 2.828

Previews

White Background



This preview shows how the CIELCh color 44, 7.140, 162.641 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, 7.140, 162.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

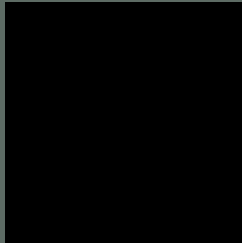
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 7.140, 162.641

Background



This preview shows how black text looks on a background with the CIELCh color 44, 7.140, 162.641.



This preview shows how white text looks on a background with the CIELCh color 44, 7.140, 162.641.

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

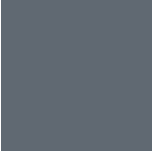
44, 7.140, 162.641

Protanopia

44, 3.421, 80.132

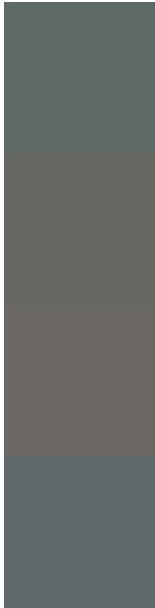
Deuteranopia

44, 6.436, 9.528



Tritanopia
44, 6.355, 257.501

Trichromacy



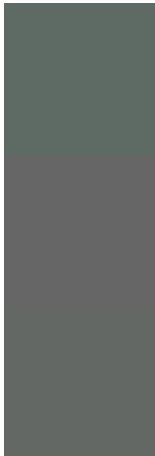
Original Color
44, 7.140, 162.641

Protanomaly
44, 3.805, 128.854

Deuteranomaly
44, 2.045, 55.129

Tritanomaly
44, 4.674, 221.673

Monochromacy



Original Color
44, 7.140, 162.641

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 2.750, 158.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 7.140, 162.641 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(93, 107, 100)` looks like.

```
.text, #text, p{  
    color:rgb(93, 107, 100)  
}
```

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(93, 107, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 107, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 7.140, 162.641 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(93, 107, 100) }
```

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

```
.border{ border-color:rgb(93, 107, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 107, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 107, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 107, 100);  
box-shadow:4px 4px 4px 4px rgb(93, 107,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 7.140, 162.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 107, 100) }
```

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

```
.background{ background-color: rgb(93, 107,  
100) }
```

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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