

Converting Colors

CIELCh(44, 17.250, 164.735)

Have a look what the booklet for
CIELCh(44, 17.250, 164.735)
contains.

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Color

CIELCh(44, 17.600, 164.425)

Conversions

Conversions Part 1

Format	Color
Hex	4B7060
RGB	75, 112, 96
RGB Percent	29%, 44%, 38%
CMY	0.7071, 0.5621, 0.6248
CMYK	0.33, 0.00, 0.14, 0.56
HSL	154°, 20%, 37%
HSV	154°, 33%, 44%
XYZ	10.7320, 13.8382, 13.0955
YIQ	99.1130, -16.9160, -12.8200

Conversions

Conversions Part 2

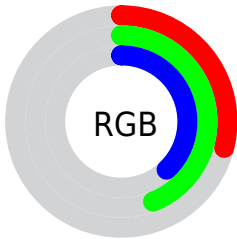
Format	Color
R_{YB}	75, 99, 112
Decimal	4943968
CIE Lab	44.00, -16.95, 4.73
CIE LCh	44, 17.600, 164.425
Yxy	13.8382, 0.2849, 0.3674
Android (android.graphics.Color)	4283134048 (0xFF4B7060)
YUV	99.1130, -1.5347, -21.1471
Hunter-Lab	37.1997, -13.6029, 5.1679

Details

The CIELCh color $44, 17.600, 164.425$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $36, 18.570, 350.643$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 17.831, 163.646$, and $24, 17.621, 164.757$ is the 20% darker color. If you saturate the color by 10%, you get $43, 22.609, 163.283$, and if you desaturate by 10%, it is $45, 12.394, 165.455$.

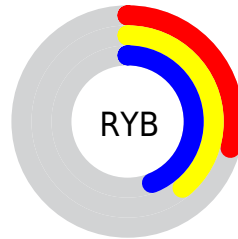
Distribution



Red (29%)

Green (44%)

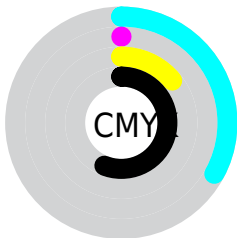
Blue (38%)



Red (29%)

Yellow (39%)

Blue (44%)

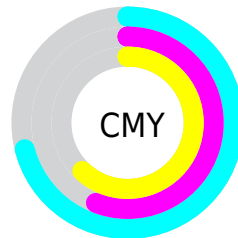


Cyan (33%)

Magenta (0%)

Yellow (14%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 17.600, 164.425 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, 17.600, 164.425 by changing the saturation by 10% instead.


 44, 17.600,
164.425


 44, 17.600,
164.425


 100, 17.600,
164.425


 34, 17.600,
164.425

 64, 17.600,
164.425


 24, 17.600,
164.425

 74, 17.600,
164.425

 14, 17.600,
164.425


 84, 17.600,
164.425

 4, 17.600, 164.425

 94, 17.600,
164.425

 0, 17.600, 164.425

 44, 17.600,

 44, 17.600,

164.425

■ 43, 22.609,
163.283

■ 43, 27.337,
162.013

■ 42, 31.704,
160.589

■ 42, 35.644,
158.993

■ 41, 39.111,
157.209

■ 41, 42.104,
155.244

■ 41, 44.070,
153.956

164.425

■ 45, 12.394,
165.455

■ 46, 7.064, 166.403

■ 47, 1.680, 167.382

■ 48, 3.705, 347.923

■ 49, 9.046, 348.697

■ 50, 14.308,
349.389

■ 52, 19.470,
350.034

■ 53, 24.513,
350.640

■ 55, 29.430,
351.214

Harmonies

Complementary

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



44, 17.600, 164.425



36, 18.570, 350.643

Rectangle

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



44, 17.600, 164.425



44, 17.600, 214.425



44, 17.600, 344.425



44, 17.600, 34.425

Sweetspot

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



44, 17.601, 164.424



59, 6.685, 166.664



45, 23.610, 129.929



31, 4.596, 166.565



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 17.601, 164.424



56, 26.113, 163.528



44, 12.798, 204.671



23, 3.041, 166.780



44, 46.516, 153.763



86, 81.605, 152.360

Inverse Universe

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



36, 18.570, 350.643



44, 27.885, 351.639



36, 15.991, 27.164



22, 3.088, 348.163



24, 48.304, 6.498



53, 82.622, 9.532

Previews

White Background



This preview shows how the CIE LCh color 44, 17.600, 164.425 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, 17.600, 164.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

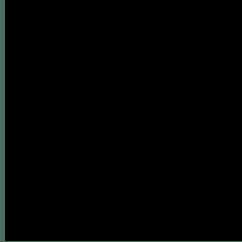
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 17.600, 164.425

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.600, 164.425.



This preview shows how white text looks on a background with the CIELCh color 44, 17.600, 164.425.

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, 17.600, 164.425

Protanopia

44, 7.480, 92.298

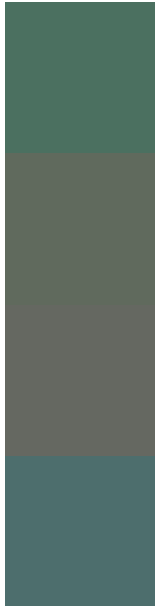
Deuteranopia

44, 6.953, 30.051



Tritanopia
44, 11.829, 222.346

Trichromacy



Original Color
44, 17.600, 164.425

Protanomaly
44, 8.868, 137.371

Deuteranomaly
44, 4.381, 126.252

Tritanomaly
44, 12.472, 195.207

Monochromacy



Original Color
44, 17.600, 164.425

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 6.816, 166.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.600, 164.425 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(75, 112, 96)` looks like.

```
.text, #text, p{  
    color:rgb(75, 112, 96)  
}
```

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(75, 112, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 112, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.600, 164.425 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(75, 112, 96) }
```

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

```
.border{ border-color:rgb(75, 112, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 112, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 112, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 112, 96);  
box-shadow:4px 4px 4px 4px rgb(75, 112,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.600, 164.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 112, 96) }
```

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

```
.background{ background-color: rgb(75, 112,  
96) }
```

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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