

Converting Colors

CIELCh(44, 62.781, 17.499)

Have a look what the booklet for
CIELCh(44, 62.781, 17.499) contains.

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Color

CIELCh(44, 62.574, 17.520)

Conversions

Conversions Part 1

Format	Color
Hex	C22C4C
RGB	194, 44, 76
RGB Percent	76%, 17%, 30%
CMY	0.2384, 0.8265, 0.7014
CMYK	0.00, 0.77, 0.61, 0.24
HSL	347°, 63%, 47%
HSV	347°, 77%, 76%
XYZ	24.5192, 13.8382, 8.2443
YIQ	92.4980, 79.1280, 41.7520

Conversions

Conversions Part 2

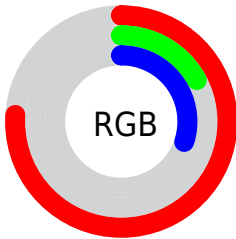
Format	Color
R_{YB}	194, 44, 76
Decimal	12725324
CIE _{Lab}	44.00, 59.67, 18.84
CIE _{LCh}	44, 62.574, 17.520
Yxy	13.8382, 0.5261, 0.2969
Android (android.graphics.Color)	4290915404 (0xFFC22C4C)
YUV	92.4980, -8.1335, 89.0173
Hunter-Lab	37.1997, 52.5537, 12.8999

Details

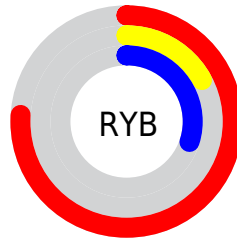
The CIELCh color **44, 62.574, 17.520** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **71, 45.832, 173.497**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 62.241, 17.045**, and **27, 54.973, 23.922** is the 20% darker color. If you saturate the color by 10%, you get **42, 68.642, 22.064**, and if you desaturate by 10%, it is **47, 55.470, 13.828**.

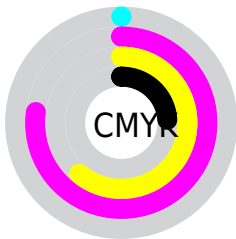
Distribution



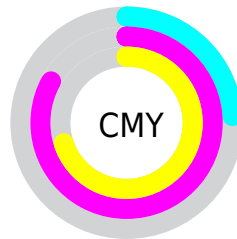
- Red (76%)
- Green (17%)
- Blue (30%)



- Red (76%)
- Yellow (17%)
- Blue (30%)



- Cyan (0%)
- Magenta (77%)
- Yellow (61%)
- Black (24%)



- Cyan (24%)
- Magenta (83%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 62.574, 17.520 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, 62.574, 17.520 by changing the saturation by 10% instead.

 44, 62.574, 17.520

 44, 62.574, 17.520

 100, 62.574,
17.520

 34, 62.574, 17.520

 64, 62.574, 17.520

 24, 62.574, 17.520

 74, 62.574, 17.520

 14, 62.574, 17.520

 84, 62.574, 17.520

 4, 62.574, 17.520

 94, 62.574, 17.520

 0, 62.574, 17.520

 44, 62.574, 17.520

 44, 62.574, 17.520

 42, 68.642, 22.064

 47, 55.470, 13.828

 41, 73.787, 27.287

 50, 47.524, 10.897

41, 75.215, 28.682

55, 39.057, 8.578

59, 30.402, 6.724

64, 21.823, 5.214

69, 13.496, 3.956

75, 5.520, 2.853

80, 2.062, 182.282

86, 9.243, 181.311

Harmonies

Complementary

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



44, 62.574, 17.520



71, 45.832, 173.497

Rectangle

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



44, 62.574, 17.520



44, 62.574, 67.520



44, 62.574, 197.520



44, 62.574, 247.520

Sweetspot

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



44, 62.571, 17.522



84, 22.624, 4.703



43, 86.203, 320.831



43, 15.914, 5.190



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 62.571, 17.522



54, 88.221, 25.825



50, 60.008, 47.521



38, 4.349, 3.085



33, 64.896, 27.827



3, 14.323, 7.948

Inverse Universe

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



44, 62.571, 17.522



54, 88.221, 25.825



59, 34.179, 243.135



38, 4.349, 3.085



33, 64.896, 27.827



3, 14.323, 7.948

Previews

White Background



This preview shows how the CIELCh color 44, 62.574, 17.520 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, 62.574, 17.520 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, 62.574, 17.520

Background



This preview shows how black text looks on a background with the CIELCh color 44, 62.574, 17.520.



This preview shows how white text looks on a background with the CIELCh color 44, 62.574, 17.520.

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, 62.574, 17.520

Protanopia

44, 1.374, 45.020

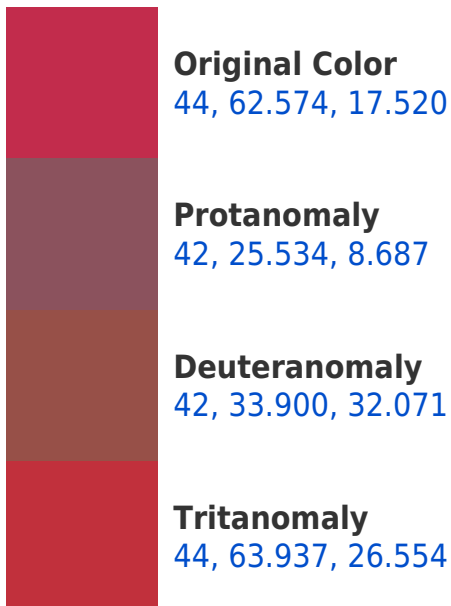
Deuteranopia

44, 22.360, 74.349



Tritanopia
44, 65.631, 31.265

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 62.574, 17.520 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(194, 44, 76)` looks like.

```
.text, #text, p{  
    color:rgb(194, 44, 76)  
}
```

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(194, 44, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 44, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 62.574, 17.520 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(194, 44, 76) }
```

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

```
.border{ border-color:rgb(194, 44, 76) }
```

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

Here you see how a box with a 4 pixel rgb(194, 44, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 44, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 44, 76);  
box-shadow:4px 4px 4px 4px rgb(194, 44,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 62.574, 17.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 44, 76) }
```

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

```
.background{ background-color: rgb(194, 44,  
76) }
```

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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