

Converting Colors

CIELCh(45, 61.529, 28.553)

Have a look what the booklet for
CIELCh(45, 61.529, 28.553) contains.

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Color

CIELCh(45, 61.529, 28.553)

Conversions

Conversions Part 1

Format	Color
Hex	C1393D
RGB	193, 57, 61
RGB Percent	76%, 22%, 24%
CMY	0.2441, 0.7774, 0.7615
CMYK	0.00, 0.71, 0.68, 0.24
HSL	358°, 54%, 49%
HSV	358°, 71%, 76%
XYZ	24.2164, 14.5417, 5.9190
YIQ	98.1200, 79.7720, 30.0760

Conversions

Conversions Part 2

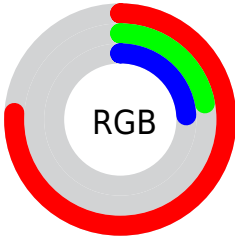
Format	Color
RYB	193, 57, 61
Decimal	12663101
CIELab	45.00, 54.05, 29.41
CIELCh	45, 61.529, 28.553
Yxy	14.5417, 0.5420, 0.3255
Android (android.graphics.Color)	4290853181 (0xFFC1393D)
YUV	98.1200, -18.3002, 83.2098
Hunter-Lab	38.1336, 46.6211, 17.4907

Details

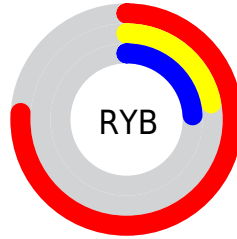
The CIELCh color **45, 61.529, 28.553** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **71, 37.225, 193.165**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 61.208, 28.481**, and **27, 58.242, 31.792** is the 20% darker color. If you saturate the color by 10%, you get **43, 70.356, 32.203**, and if you desaturate by 10%, it is **48, 52.165, 25.491**.

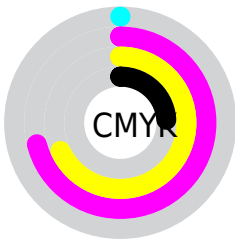
Distribution



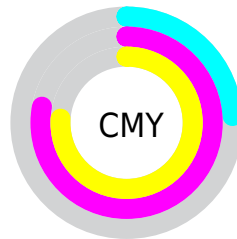
- Red (76%)
- Green (22%)
- Blue (24%)



- Red (76%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (71%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (78%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 61.529, 28.553 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 45, 61.529, 28.553 by changing the saturation by 10% instead.

 45, 61.529, 28.553

 45, 61.529, 28.553

 100, 61.529,
28.553

 35, 61.529, 28.553

 65, 61.529, 28.553

 25, 61.529, 28.553

 75, 61.529, 28.553

 15, 61.529, 28.553

 85, 61.529, 28.553

 5, 61.529, 28.553

 95, 61.529, 28.553

 0, 61.529, 28.553

 45, 61.529, 28.553

 45, 61.529, 28.553

 43, 70.356, 32.203

 48, 52.165, 25.491

 41, 78.055, 36.036

 52, 42.647, 23.054

40, 83.417, 38.859

57, 33.273, 21.159

62, 24.262, 19.689

67, 15.749, 18.540

72, 7.790, 17.612

78, 0.391, 15.606

83, 6.476, 196.481

89, 12.854,
195.972

Harmonies

Complementary

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



45, 61.529, 28.553



71, 37.225, 193.165

Rectangle

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



45, 61.529, 28.553



45, 61.529, 78.553



45, 61.529, 208.553



45, 61.529, 258.553

Sweetspot

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



45, 61.526, 28.556



84, 19.932, 18.621



49, 81.117, 326.695



43, 13.624, 18.919



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



45, 61.526, 28.556



54, 91.188, 34.450



57, 50.915, 63.361



38, 4.187, 17.511



33, 72.556, 38.518



3, 14.010, 17.779

Inverse Universe

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



45, 61.526, 28.556



54, 91.188, 34.450



52, 39.713, 267.769



38, 4.187, 17.511



33, 72.556, 38.518



3, 14.010, 17.779

Previews

White Background



This preview shows how the CIELCh color 45, 61.529, 28.553 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 45, 61.529, 28.553 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 45, 61.529, 28.553

Background



This preview shows how black text looks on a background with the CIELCh color 45, 61.529, 28.553.



This preview shows how white text looks on a background with the CIELCh color 45, 61.529, 28.553.

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

45, 61.529, 28.553

Protanopia

45, 16.364, 95.173

Deuteranopia

45, 32.486, 79.385



Tritanopia
45, 61.761, 29.045

Trichromacy



Original Color
45, 61.529, 28.553

Protanomaly
43, 27.569, 42.306

Deuteranomaly
44, 38.839, 49.392

Tritanomaly
45, 61.761, 29.045

Monochromacy



Original Color
45, 61.529, 28.553

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 22.082, 21.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 61.529, 28.553 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(193, 57, 61)` looks like.

```
.text, #text, p{  
    color:rgb(193, 57, 61)  
}
```

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(193, 57, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 57, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 61.529, 28.553 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(193, 57, 61) }
```

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

```
.border{ border-color:rgb(193, 57, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 57, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 57, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 57, 61);  
box-shadow:4px 4px 4px 4px rgb(193, 57,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 61.529, 28.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 57, 61) }
```

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

```
.background{ background-color: rgb(193, 57,  
61) }
```

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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