

Converting Colors

CIELCh(27, 45.569, 3.448)

Have a look what the booklet for
CIELCh(27, 45.569, 3.448) contains.

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Color

CIELCh(27, 45.676, 3.891)

Conversions

Conversions Part 1

Format	Color
Hex	7C143D
RGB	124, 20, 61
RGB Percent	49%, 8%, 24%
CMY	0.5146, 0.9227, 0.7615
CMYK	0.00, 0.84, 0.51, 0.51
HSL	336°, 73%, 28%
HSV	336°, 84%, 49%
XYZ	9.3624, 5.0937, 4.8792
YIQ	55.7700, 48.8230, 34.7990

Conversions

Conversions Part 2

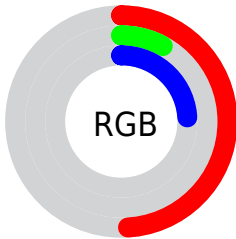
Format	Color
R_{YB}	124, 20, 61
Decimal	8131645
CIE _{Lab}	27.00, 45.57, 3.10
CIE _{LCh}	27, 45.676, 3.891
Yxy	5.0937, 0.4842, 0.2634
Android (android.graphics.Color)	4286321725 (0xFF7C143D)
YUV	55.7700, 2.5784, 59.8377
Hunter-Lab	22.5692, 34.5514, 2.9806




Details

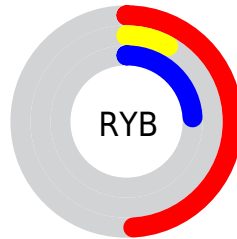
The CIELCh color **27, 45.676, 3.891** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **46, 41.108, 159.106**, and the grayscale version is **23, 0.004, 296.813**.




A 20% lighter version of the original color is **47, 45.791, 3.997**, and **11, 33.433, 15.779** is the 20% darker color. If you saturate the color by 10%, you get **26, 48.138, 7.805**, and if you desaturate by 10%, it is **29, 42.135, 0.745**.

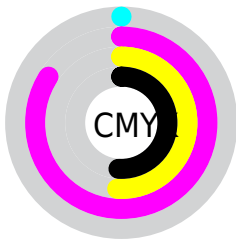
Distribution







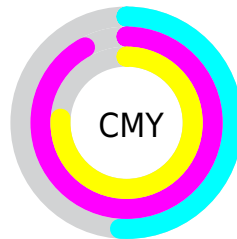
-  Red (49%)
-  Green (8%)
-  Blue (24%)






-  Red (49%)
-  Yellow (8%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (84%)
-  Yellow (51%)
-  Black (51%)



-  Cyan (51%)
-  Magenta (92%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 45.676, 3.891 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 27, 45.676, 3.891 by changing the saturation by 10% instead.

 27, 45.676, 3.891  27, 45.676, 3.891

 100, 45.676, 3.891  17, 45.676, 3.891

 47, 45.676, 3.891  7, 45.676, 3.891

 57, 45.676, 3.891  0, 45.676, 3.891

 67, 45.676, 3.891

 77, 45.676, 3.891

 87, 45.676, 3.891

 97, 45.676, 3.891

 27, 45.676, 3.891  27, 45.676, 3.891

 26, 48.138, 7.805  29, 42.135, 0.745

25, 49.546, 10.184

31, 37.587,
358.240

34, 32.269,
356.224

37, 26.459,
354.570

40, 20.403,
353.183

43, 14.289,
351.992

47, 8.244, 350.945

50, 2.348, 349.938

54, 3.357, 169.346

Harmonies

Complementary

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



27, 45.676, 3.891



46, 41.108, 159.106

Rectangle

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



27, 45.676, 3.891



27, 45.676, 53.891



27, 45.676, 183.891



27, 45.676, 233.891

Sweetspot

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



27, 45.674, 3.893



55, 18.404, 352.164



23, 64.650, 315.252



27, 12.690, 352.500



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



27, 45.674, 3.893



34, 60.020, 11.543



27, 49.913, 37.598



24, 3.247, 350.454



26, 49.887, 10.239



54, 84.451, 13.287

Inverse Universe

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



27, 45.674, 3.893



34, 60.020, 11.543



43, 25.226, 211.361



24, 3.247, 350.454



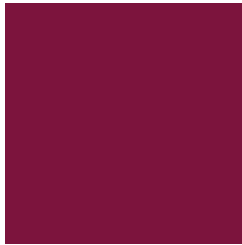
26, 49.887, 10.239



54, 84.451, 13.287

Previews

White Background



This preview shows how the CIE LCh color 27, 45.676, 3.891 looks on a white background.

Color Contrast Check

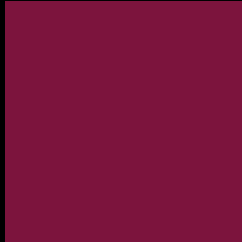
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 27, 45.676, 3.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

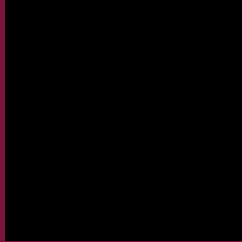
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 45.676, 3.891

Background



This preview shows how black text looks on a background with the CIELCh color 27, 45.676, 3.891.



This preview shows how white text looks on a background with the CIELCh color 27, 45.676, 3.891.

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

27, 45.676, 3.891

Protanopia

28, 13.013, 285.779

Deuteranopia

28, 7.724, 55.778



Tritanopia
27, 46.307, 30.764

Trichromacy



Original Color
27, 45.676, 3.891

Protanomaly
26, 22.831, 334.122

Deuteranomaly
26, 22.428, 6.365

Tritanomaly
27, 44.978, 21.559

Monochromacy



Original Color
27, 45.676, 3.891

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 19.853, 354.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 45.676, 3.891 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(124, 20, 61)` looks like.

```
.text, #text, p{  
    color:rgb(124, 20, 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(124, 20, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 20, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 45.676, 3.891 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(124, 20, 61) }
```

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

```
.border{ border-color:rgb(124, 20, 61) }
```

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

Here you see how a box with a 4 pixel rgb(124, 20, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 20, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 20, 61);  
box-shadow:4px 4px 4px 4px rgb(124, 20,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 45.676, 3.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 20, 61) }
```

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

```
.background{ background-color: rgb(124, 20,  
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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