

Converting Colors

CIELCh(79, 23.175, 48.613)

Have a look what the booklet for
CIELCh(79, 23.175, 48.613) contains.

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Color

CIELCh(79, 23.142, 49.293)

Conversions

Conversions Part 1

Format	Color
Hex	EBB9A4
RGB	235, 185, 164
RGB Percent	92%, 73%, 64%
CMY	0.0792, 0.2752, 0.3575
CMYK	0.00, 0.21, 0.30, 0.08
HSL	18°, 64%, 78%
HSV	18°, 30%, 92%
XYZ	58.1961, 54.9284, 42.5755
YIQ	197.5560, 36.5410, 4.0690

Conversions

Conversions Part 2

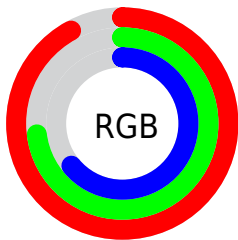
Format	Color
R _Y B	235, 194, 164
Decimal	15448484
CIE Lab	79.00, 15.09, 17.54
CIE LCh	79, 23.142, 49.293
Yxy	54.9284, 0.3738, 0.3528
Android (android.graphics.Color)	4293638564 (0xFFEBB9A4)
YUV	197.5560, -16.5431, 32.8384
Hunter-Lab	74.1137, 10.4642, 17.8197

Details

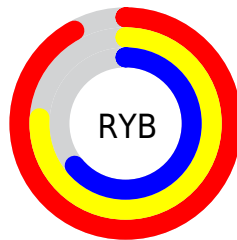
The CIELCh color **79, 23.142, 49.293** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83, 19.225, 234.017**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 12.361, 84.582**, and **59, 23.174, 49.807** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.038, 48.914**, and if you desaturate by 10%, it is **84, 14.890, 49.783**.

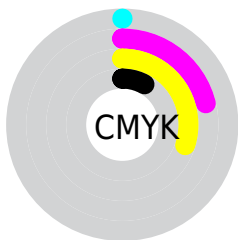
Distribution



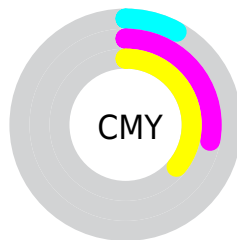
- Red (92%)
- Green (73%)
- Blue (64%)



- Red (92%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (8%)



- Cyan (8%)
- Magenta (28%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 23.142, 49.293 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 79, 23.142, 49.293 by changing the saturation by 10% instead.

 79, 23.142, 49.293

 79, 23.142, 49.293

 100, 23.142,
49.293

 69, 23.142, 49.293

 99, 23.142, 49.293

 59, 23.142, 49.293

 49, 23.142, 49.293

 39, 23.142, 49.293

 29, 23.142, 49.293

 19, 23.142, 49.293

 9, 23.142, 49.293

 0, 23.142, 49.293

 79, 23.142, 49.293

 79, 23.142, 49.293

75, 32.038, 48.914

84, 14.890, 49.783

70, 41.590, 48.647

88, 7.245, 50.318

66, 51.743, 48.507

93, 0.153, 47.277

63, 62.318, 48.457

98, 5.865, 219.783

59, 72.867, 48.367

99, 6.914, 199.064

56, 82.395, 47.889

54, 89.531, 46.732

Harmonies

Complementary

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



79, 23.142, 49.293



83, 19.225, 234.017

Rectangle

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



79, 23.142, 49.293



79, 23.142, 99.293



79, 23.142, 229.293



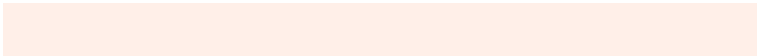
79, 23.142, 279.293

Sweetspot

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



79, 23.141, 49.300



95, 6.784, 50.380



75, 37.191, 335.778



50, 4.741, 50.304



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 23.141, 49.300



82, 30.164, 49.058



88, 29.442, 95.776



47, 4.009, 50.358



42, 73.233, 47.277



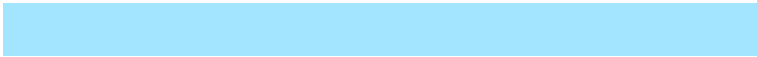
10, 23.612, 41.103

Inverse Universe

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



83, 19.225, 234.017



87, 24.017, 234.892



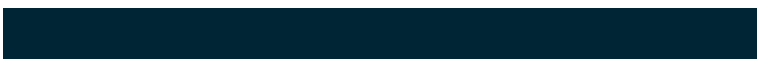
74, 30.374, 283.753



47, 3.808, 231.831



50, 37.595, 255.257



13, 15.188, 246.709

Previews

White Background



This preview shows how the CIELCh color 79, 23.142, 49.293 looks on a white 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

Black Background



This preview shows how the CIE LCh color 79, 23.142, 49.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

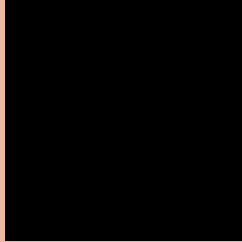
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 23.142, 49.293

Background



This preview shows how black text looks on a background with the CIELCh color 79, 23.142, 49.293.



This preview shows how white text looks on a background with the CIELCh color 79, 23.142, 49.293.

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

79, 23.142, 49.293

Protanopia

79, 14.463, 91.673

Deuteranopia

79, 20.340, 60.715



Tritanopia
79, 23.113, 2.758

Trichromacy



Original Color
79, 23.142, 49.293

Protanomaly
79, 16.191, 71.520

Deuteranomaly
79, 21.286, 56.910

Tritanomaly
79, 21.286, 19.752

Monochromacy



Original Color
79, 23.142, 49.293

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 8.047, 51.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 23.142, 49.293 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(235, 185, 164)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 164)  
}
```

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(235, 185, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 23.142, 49.293 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(235, 185, 164) }
```

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

```
.border{ border-color:rgb(235, 185, 164) }
```

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

Here you see how a box with a 4 pixel rgb(235, 185, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 164);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 23.142, 49.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 164) }
```

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

```
.background{ background-color: rgb(235,  
185, 164) }
```

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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