

Converting Colors

CIELCh(79, 45.644, 88.676)

Have a look what the booklet for
CIELCh(79, 45.644, 88.676) contains.

CIELCh(79, 45.236, 88.542)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 45.236, 88.542)

Conversions

Conversions Part 1

Format	Color
Hex	E0C06E
RGB	224, 192, 110
RGB Percent	88%, 75%, 43%
CMY	0.1199, 0.2454, 0.5671
CMYK	0.00, 0.14, 0.51, 0.12
HSL	43°, 65%, 66%
HSV	43°, 51%, 88%
XYZ	52.6493, 54.9284, 22.6889
YIQ	192.2200, 45.3940, -18.7180

Conversions

Conversions Part 2

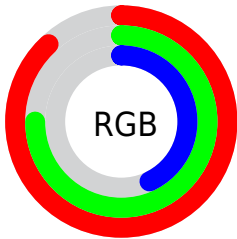
Format	Color
RYB	154, 224, 110
Decimal	14729326
CIELab	79.00, 1.15, 45.22
CIELCh	79, 45.236, 88.542
Yxy	54.9284, 0.4042, 0.4217
Android (android.graphics.Color)	4292919406 (0xFFE0C06E)
YUV	192.2200, -40.5345, 27.8711
Hunter-Lab	74.1137, -2.8952, 33.7287

Details

The CIELCh color **79, 45.236, 88.542** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **60, 46.656, 284.217**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 42.818, 103.144**, and **59, 45.430, 88.985** is the 20% darker color. If you saturate the color by 10%, you get **77, 53.898, 87.137**, and if you desaturate by 10%, it is **81, 36.290, 89.910**.

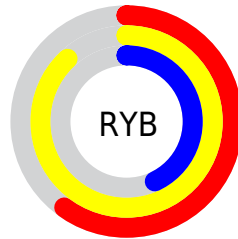
Distribution



Red (88%)

Green (75%)

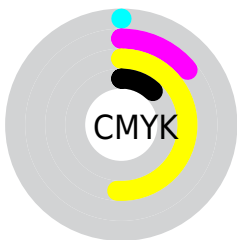
Blue (43%)



Red (60%)

Yellow (88%)

Blue (43%)

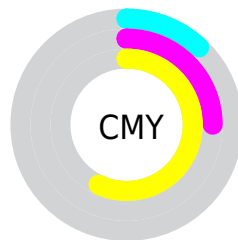


Cyan (0%)

Magenta (14%)

Yellow (51%)

Black (12%)



Cyan (12%)

Magenta (25%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 45.236, 88.542 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, 45.236, 88.542 by changing the saturation by 10% instead.

 79, 45.236, 88.542

 79, 45.236, 88.542

 100, 45.236,
88.542

 69, 45.236, 88.542

 99, 45.236, 88.542

 59, 45.236, 88.542

 49, 45.236, 88.542

 39, 45.236, 88.542

 29, 45.236, 88.542

 19, 45.236, 88.542

 9, 45.236, 88.542

 0, 45.236, 88.542

 79, 45.236, 88.542

 79, 45.236, 88.542

77, 53.898, 87.137

81, 36.290, 89.910

75, 61.893, 85.659

83, 27.273, 91.238

74, 68.611, 84.053

85, 18.302, 92.528

72, 73.241, 82.211

87, 9.434, 93.770

71, 75.440, 80.248

89, 0.697, 94.683

91, 7.902, 276.197

93, 10.288,
267.511

95, 8.724, 245.132

96, 8.822, 218.969

Harmonies

Complementary

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



79, 45.236, 88.542



60, 46.656, 284.217

Rectangle

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



79, 45.236, 88.542



79, 45.236, 138.542



79, 45.236, 268.542



79, 45.236, 318.542

Sweetspot

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



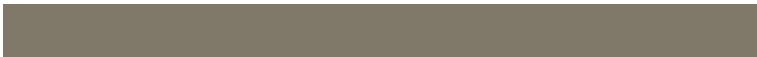
79, 45.237, 88.546



96, 14.564, 93.244



61, 47.791, 4.132



51, 9.953, 92.980



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, 45.237, 88.546



86, 59.928, 87.048



85, 58.120, 115.353



46, 4.946, 93.936



56, 62.959, 80.670



15, 21.596, 83.733

Inverse Universe

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



60, 46.656, 284.217



61, 63.018, 287.146



54, 65.919, 303.330



44, 4.971, 276.328



28, 79.829, 299.154



5, 25.447, 288.755

Previews

White Background



This preview shows how the CIELCh color 79, 45.236, 88.542 looks on a white background.

Color Contrast Check

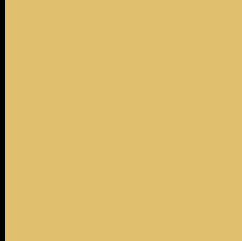
Large Text (above 18pt) WCAG AA × Fail

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, 45.236, 88.542 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, 45.236, 88.542

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.236, 88.542.



This preview shows how white text looks on a background with the CIELCh color 79, 45.236, 88.542.

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, 45.236, 88.542

Protanopia

79, 44.567, 95.702

Deuteranopia

79, 45.950, 77.328



Tritanopia
79, 20.546, 0.032

Trichromacy



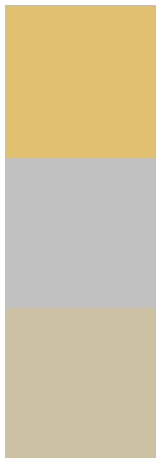
Original Color
79, 45.236, 88.542

Protanomaly
79, 44.978, 93.541

Deuteranomaly
79, 45.723, 81.315

Tritanomaly
79, 20.981, 52.411

Monochromacy



Original Color
79, 45.236, 88.542

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 16.542, 93.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 45.236, 88.542 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(224, 192, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 192, 110)  
}
```

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(224, 192, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 192, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.236, 88.542 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(224, 192, 110) }
```

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

```
.border{ border-color:rgb(224, 192, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 192, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 192, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 192, 110); box-shadow:4px 4px 4px 4px rgb(224, 192, 110) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.236, 88.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 192, 110) }
```

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

```
.background{ background-color: rgb(224,  
192, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor