

Converting Colors

CIELCh(76, 28.047, 39.056)

Have a look what the booklet for
CIELCh(76, 28.047, 39.056) contains.

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Color

CIELCh(76, 28.009, 39.053)

Conversions

Conversions Part 1

Format	Color
Hex	EDAC9C
RGB	237, 172, 156
RGB Percent	93%, 67%, 61%
CMY	0.0707, 0.3256, 0.3884
CMYK	0.00, 0.27, 0.34, 0.07
HSL	12°, 69%, 77%
HSV	12°, 34%, 93%
XYZ	55.6544, 49.8872, 38.1317
YIQ	189.6110, 43.8760, 8.8040

Conversions

Conversions Part 2

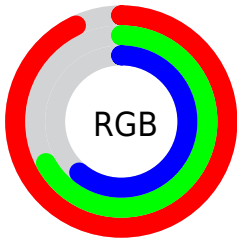
Format	Color
R _Y B	237, 176, 156
Decimal	15576220
CIE Lab	76.00, 21.75, 17.65
CIE LCh	76, 28.009, 39.053
Yxy	49.8872, 0.3874, 0.3472
Android (android.graphics.Color)	4293766300 (0xFFEDAC9C)
YUV	189.6110, -16.5702, 41.5602
Hunter-Lab	70.6309, 17.0470, 17.4326

Details

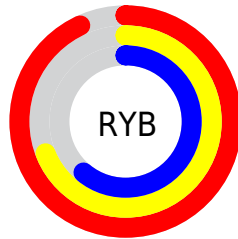
The CIELCh color **76, 28.009, 39.053** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 21.958, 220.891**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 13.393, 60.512**, and **56, 27.844, 38.463** is the 20% darker color. If you saturate the color by 10%, you get **71, 37.736, 39.379**, and if you desaturate by 10%, it is **81, 18.997, 38.923**.

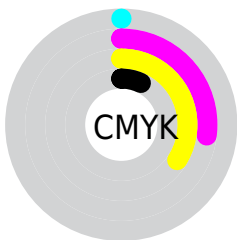
Distribution



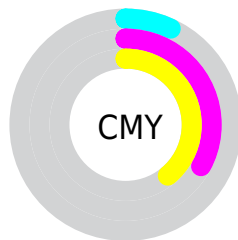
- Red (93%)
- Green (67%)
- Blue (61%)



- Red (93%)
- Yellow (69%)
- Blue (61%)



- Cyan (0%)
- Magenta (27%)
- Yellow (34%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 28.009, 39.053 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 76, 28.009, 39.053 by changing the saturation by 10% instead.

76, 28.009, 39.053

76, 28.009, 39.053

100, 28.009,
39.053

66, 28.009, 39.053

96, 28.009, 39.053

56, 28.009, 39.053

46, 28.009, 39.053

36, 28.009, 39.053

26, 28.009, 39.053

16, 28.009, 39.053

6, 28.009, 39.053

0, 28.009, 39.053

76, 28.009, 39.053

76, 28.009, 39.053

71, 37.736, 39.379

81, 18.997, 38.923

67, 48.153, 39.921

86, 10.684, 38.922

62, 59.139, 40.706

92, 3.022, 38.913

59, 70.408, 41.690

97, 4.048, 219.494

56, 81.308, 42.669

99, 6.191, 199.120

53, 90.409, 43.094

52, 94.455, 43.056

Harmonies

Complementary

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



76, 28.009, 39.053



84, 21.958, 220.891

Rectangle

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



76, 28.009, 39.053



76, 28.009, 89.053



76, 28.009, 219.053



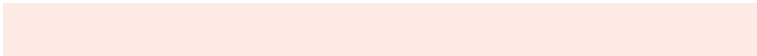
76, 28.009, 269.053

Sweetspot

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



76, 28.007, 39.059



94, 7.859, 38.942



74, 45.287, 332.138



50, 5.393, 38.935



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 28.007, 39.059



78, 36.707, 39.260



86, 30.714, 88.014



46, 4.163, 38.944



40, 76.776, 43.464



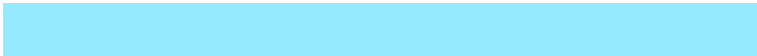
9, 24.965, 34.047

Inverse Universe

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



84, 21.958, 220.891



88, 27.124, 221.546



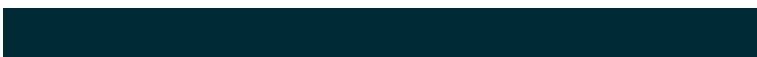
74, 30.717, 277.899



48, 3.923, 219.552



56, 33.931, 234.979



15, 14.420, 228.673

Previews

White Background



This preview shows how the CIELCh color 76, 28.009, 39.053 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 76, 28.009, 39.053 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 76, 28.009, 39.053

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.009, 39.053.



This preview shows how white text looks on a background with the CIELCh color 76, 28.009, 39.053.

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

76, 28.009, 39.053

Protanopia

76, 12.921, 91.396

Deuteranopia

76, 20.617, 62.377



Tritanopia
76, 28.182, 7.858

Trichromacy



Original Color
76, 28.009, 39.053

Protanomaly
76, 16.498, 62.779

Deuteranomaly
76, 22.614, 51.796

Tritanomaly
76, 27.181, 18.484

Monochromacy



Original Color
76, 28.009, 39.053

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 9.595, 36.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.009, 39.053 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(237, 172, 156)` looks like.

```
.text, #text, p{  
    color:rgb(237, 172, 156)  
}
```

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(237, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 172, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.009, 39.053 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(237, 172, 156) }
```

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

```
.border{ border-color:rgb(237, 172, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 172, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 172, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 172, 156);  
box-shadow:4px 4px 4px 4px rgb(237, 172,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.009, 39.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 172, 156) }
```

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

```
.background{ background-color: rgb(237,  
172, 156) }
```

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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