

Converting Colors

CIELCh(80, 25.337, 56.011)

Have a look what the booklet for
CIELCh(80, 25.337, 56.011) contains.

CIELCh(80, 25.339, 56.078)	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(80, 25.339, 56.078)

Conversions

Conversions Part 1

Format	Color
Hex	EEBCA0
RGB	238, 188, 160
RGB Percent	93%, 74%, 63%
CMY	0.0667, 0.2627, 0.3725
CMYK	0.00, 0.21, 0.33, 0.07
HSL	22°, 70%, 78%
HSV	22°, 33%, 93%
XYZ	59.5879, 56.6813, 41.0575
YIQ	199.7580, 38.7880, 1.8920

Conversions

Conversions Part 2

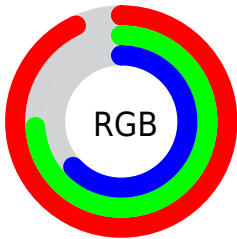
Format	Color
R _Y B	238, 204, 160
Decimal	15645856
CIE Lab	80.00, 14.14, 21.03
CIE LCh	80, 25.339, 56.078
Yxy	56.6813, 0.3788, 0.3603
Android (android.graphics.Color)	4293835936 (0xFFEEBCA0)
YUV	199.7580, -19.6007, 33.5382
Hunter-Lab	75.2870, 9.5265, 20.3673

Details

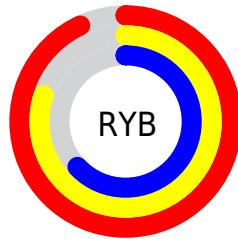
The CIELCh color **80, 25.339, 56.078** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 21.294, 243.141**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 15.326, 93.577**, and **60, 25.562, 56.732** is the 20% darker color. If you saturate the color by 10%, you get **76, 34.279, 55.358**, and if you desaturate by 10%, it is **84, 16.989, 56.873**.

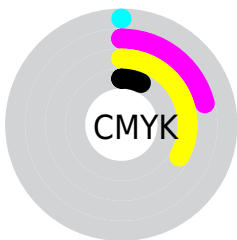
Distribution



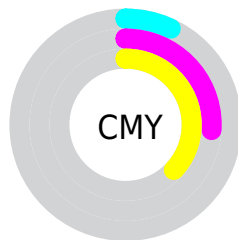
- Red (93%)
- Green (74%)
- Blue (63%)



- Red (93%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (7%)



- Cyan (7%)
- Magenta (26%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 25.339, 56.078 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 80, 25.339, 56.078 by changing the saturation by 10% instead.

 80, 25.339, 56.078

 80, 25.339, 56.078

 100, 25.339,
56.078

 70, 25.339, 56.078

 60, 25.339, 56.078

 50, 25.339, 56.078

 40, 25.339, 56.078

 30, 25.339, 56.078

 20, 25.339, 56.078

 10, 25.339, 56.078

 0, 25.339, 56.078

 80, 25.339, 56.078

 80, 25.339, 56.078

76, 34.279, 55.358

84, 16.989, 56.873

72, 43.805, 54.702

89, 9.201, 57.695

68, 53.832, 54.105

93, 1.927, 58.358

65, 64.118, 53.505

97, 4.822, 238.688

62, 74.094, 52.727

99, 5.840, 199.149

59, 82.612, 51.383

57, 87.378, 49.984

Harmonies

Complementary

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



80, 25.339, 56.078



82, 21.294, 243.141

Rectangle

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



80, 25.339, 56.078



80, 25.339, 106.078



80, 25.339, 236.078



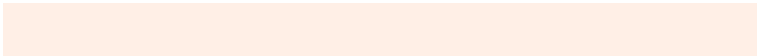
80, 25.339, 286.078

Sweetspot

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



80, 25.338, 56.085



95, 7.546, 57.918



75, 38.936, 338.956



50, 5.174, 57.804



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 25.338, 56.085



82, 32.627, 55.614



90, 34.370, 99.560



48, 4.070, 57.962



44, 71.512, 50.595



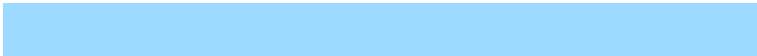
12, 24.157, 47.196

Inverse Universe

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



82, 21.294, 243.141



85, 26.357, 244.363



72, 36.222, 287.863



48, 3.896, 239.904



47, 42.451, 266.264



13, 16.948, 257.783

Previews

White Background



This preview shows how the CIELCh color 80, 25.339, 56.078 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 80, 25.339, 56.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

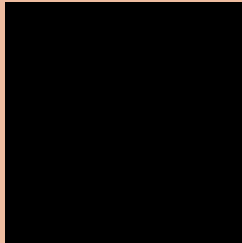
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 25.339, 56.078

Background



This preview shows how black text looks on a background with the CIELCh color 80, 25.339, 56.078.

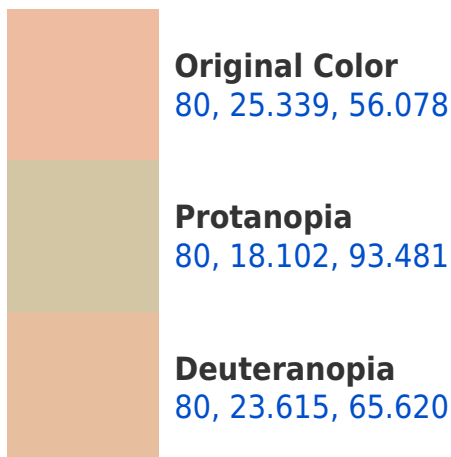


This preview shows how white text looks on a background with the CIELCh color 80, 25.339, 56.078.

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





Tritanopia
80, 23.409, 3.063

Trichromacy



Original Color
80, 25.339, 56.078

Protanomaly
80, 19.505, 76.676

Deuteranomaly
80, 24.443, 62.129

Tritanomaly
80, 21.708, 22.548

Monochromacy



Original Color
80, 25.339, 56.078

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 8.998, 60.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 25.339, 56.078 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(238, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(238, 188, 160)  
}
```

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(238, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 188, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 25.339, 56.078 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(238, 188, 160) }
```

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

```
.border{ border-color:rgb(238, 188, 160) }
```

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

Here you see how a box with a 4 pixel rgb(238, 188, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(238, 188,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 25.339, 56.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 188, 160) }
```

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

```
.background{ background-color: rgb(238,  
188, 160) }
```

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