

Converting Colors

CIELCh(80, 12.138, 67.487)

Have a look what the booklet for
CIELCh(80, 12.138, 67.487) contains.

CIELCh(80, 12.151, 67.478)	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, 12.151, 67.478)

Conversions

Conversions Part 1

Format	Color
Hex	D8C3B2
RGB	216, 195, 178
RGB Percent	85%, 76%, 70%
CMY	0.1540, 0.2363, 0.3029
CMYK	0.00, 0.10, 0.18, 0.15
HSL	27°, 33%, 77%
HSV	27°, 18%, 85%
XYZ	55.7123, 56.6813, 49.9929
YIQ	199.3410, 17.9730, -0.8350

Conversions

Conversions Part 2

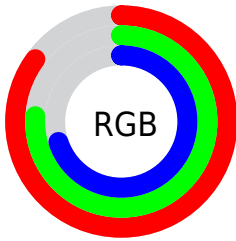
Format	Color
R _Y B	216, 209, 178
Decimal	14205874
CIE _{Lab}	80.00, 4.65, 11.22
CIE _{LCh}	80, 12.151, 67.478
Y _{xy}	56.6813, 0.3431, 0.3491
Android (android.graphics.Color)	4292395954 (0xFFD8C3B2)
Y _{UV}	199.3410, -10.5211, 14.6099
Hunter-Lab	75.2870, 0.3376, 13.3305

Details

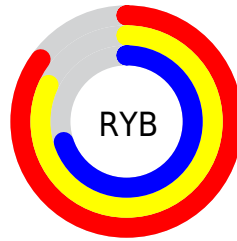
The CIELCh color **80, 12.151, 67.478** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 11.431, 251.891**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 9.185, 102.719**, and **60, 12.293, 66.669** is the 20% darker color. If you saturate the color by 10%, you get **77, 19.599, 66.365**, and if you desaturate by 10%, it is **84, 5.106, 68.581**.

Distribution



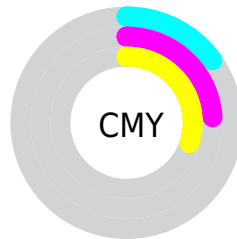
- Red (85%)
- Green (76%)
- Blue (70%)



- Red (85%)
- Yellow (82%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 12.151, 67.478 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, 12.151, 67.478 by changing the saturation by 10% instead.

■ 80, 12.151, 67.478

■ 80, 12.151, 67.478

■ 100, 12.151,
67.478

■ 70, 12.151, 67.478

■ 60, 12.151, 67.478

■ 50, 12.151, 67.478

■ 40, 12.151, 67.478

■ 30, 12.151, 67.478

■ 20, 12.151, 67.478

■ 10, 12.151, 67.478

■ 0, 12.151, 67.478

■ 80, 12.151, 67.478

■ 80, 12.151, 67.478

77, 19.599, 66.365

84, 5.106, 68.581

73, 27.472, 65.243

87, 1.572, 250.072

70, 35.769, 64.133

91, 7.921, 250.965

67, 44.439, 63.027

94, 10.900,
235.509

64, 53.325, 61.888

97, 12.952,
200.113

61, 62.062, 60.610

58, 69.919, 58.965

97, 13.174,
198.626

56, 75.858, 56.607

55, 77.178, 56.058

Harmonies

Complementary

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



80, 12.151, 67.478



79, 11.431, 251.891

Rectangle

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



80, 12.151, 67.478



80, 12.151, 117.478



80, 12.151, 247.478



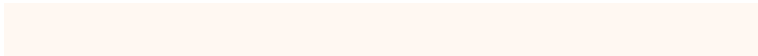
80, 12.151, 297.478

Sweetspot

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



80, 12.151, 67.490



98, 3.814, 68.828



76, 18.196, 341.633



52, 2.608, 68.764



0, 0.000, 0.000



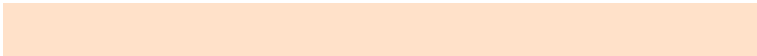
53, 0.007, 296.813

Same Dimension

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



80, 12.151, 67.490



91, 16.765, 67.087



85, 18.550, 105.562



43, 3.806, 68.392



44, 64.574, 56.711



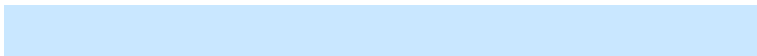
9, 17.133, 53.041

Inverse Universe

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



79, 11.431, 251.891



90, 15.550, 252.458



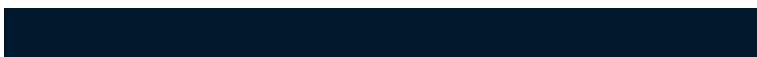
74, 19.205, 289.405



43, 3.693, 250.748



40, 47.834, 278.110



7, 15.910, 267.180

Previews

White Background



This preview shows how the CIELCh color 80, 12.151, 67.478 looks on a white background.

Color Contrast Check

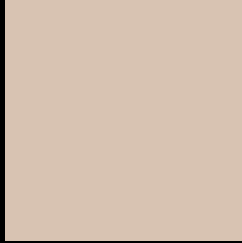
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 80, 12.151, 67.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

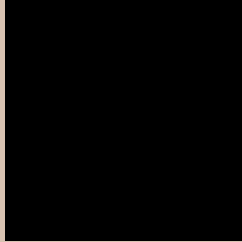
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 12.151, 67.478

Background



This preview shows how black text looks on a background with the CIELCh color 80, 12.151, 67.478.

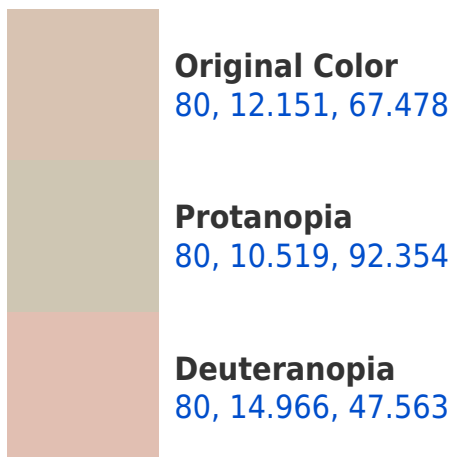


This preview shows how white text looks on a background with the CIELCh color 80, 12.151, 67.478.

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, 13.041, 342.794

Trichromacy



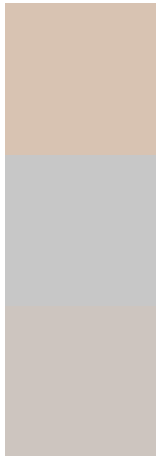
Original Color
80, 12.151, 67.478

Protanomaly
80, 10.767, 81.709

Deuteranomaly
80, 13.856, 52.381

Tritanomaly
80, 9.954, 7.879

Monochromacy



Original Color
80, 12.151, 67.478

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 4.349, 66.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 12.151, 67.478 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(216, 195, 178)` looks like.

```
.text, #text, p{  
    color:rgb(216, 195, 178)  
}
```

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(216, 195, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 195, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 12.151, 67.478 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(216, 195, 178) }
```

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

```
.border{ border-color:rgb(216, 195, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 195, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 195, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 195, 178);  
box-shadow:4px 4px 4px 4px rgb(216, 195,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 12.151, 67.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 195, 178) }
```

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

```
.background{ background-color: rgb(216,  
195, 178) }
```

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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