

Converting Colors

CIELCh(81, 12.788, 67.622)

Have a look what the booklet for
CIELCh(81, 12.788, 67.622) contains.

CIELCh(81, 12.795, 67.695)	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(81, 12.795, 67.695)

Conversions

Conversions Part 1

Format	Color
Hex	DBC5B3
RGB	219, 197, 179
RGB Percent	86%, 77%, 70%
CMY	0.1398, 0.2261, 0.2967
CMYK	0.00, 0.10, 0.18, 0.14
HSL	27°, 36%, 78%
HSV	27°, 18%, 86%
XYZ	57.5341, 58.4711, 51.0804
YIQ	201.5260, 18.8900, -0.9340

Conversions

Conversions Part 2

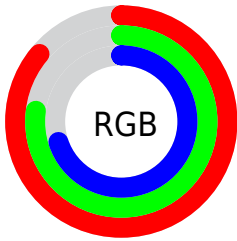
Format	Color
R _Y B	219, 212, 179
Decimal	14402995
CIE Lab	81.00, 4.86, 11.84
CIE LCh	81, 12.795, 67.695
Yxy	58.4711, 0.3443, 0.3499
Android (android.graphics.Color)	4292593075 (0xFFDBC5B3)
YUV	201.5260, -11.1053, 15.3247
Hunter-Lab	76.4664, 0.4890, 13.9201

Details

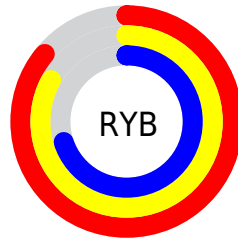
The CIELCh color $81, 12.795, 67.695$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 12.016, 252.299$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 9.628, 107.305$, and $61, 12.976, 66.901$ is the 20% darker color. If you saturate the color by 10%, you get $78, 20.375, 66.573$, and if you desaturate by 10%, it is $85, 5.623, 68.811$.

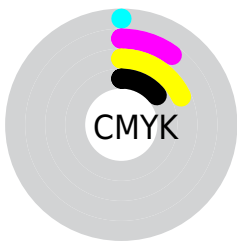
Distribution



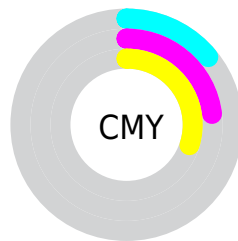
- Red (86%)
- Green (77%)
- Blue (70%)



- Red (86%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 12.795, 67.695 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 81, 12.795, 67.695 by changing the saturation by 10% instead.

 81, 12.795, 67.695

 81, 12.795, 67.695

 100, 12.795,
67.695

 71, 12.795, 67.695

 61, 12.795, 67.695

 51, 12.795, 67.695

 41, 12.795, 67.695

 31, 12.795, 67.695

 21, 12.795, 67.695

 11, 12.795, 67.695

 1, 12.795, 67.695

 0, 12.795, 67.695

81, 12.795, 67.695

81, 12.795, 67.695

78, 20.375, 66.573

85, 5.623, 68.811

74, 28.384, 65.442

88, 1.178, 250.397

71, 36.818, 64.322

92, 7.643, 251.204

68, 45.618, 63.203

95, 9.963, 228.043

65, 54.614, 62.044

98, 12.013,
198.703

62, 63.414, 60.735

59, 71.243, 59.033

56, 77.093, 56.616

56, 78.066, 56.209

Harmonies

Complementary

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



81, 12.795, 67.695



80, 12.016, 252.299

Rectangle

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



81, 12.795, 67.695



81, 12.795, 117.695



81, 12.795, 247.695



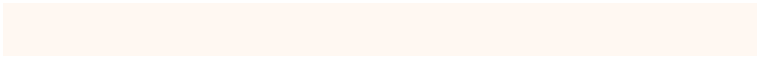
81, 12.795, 297.695

Sweetspot

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



81, 12.795, 67.707



98, 3.819, 69.126



77, 18.903, 342.545



52, 2.611, 69.061



0, 0.000, 0.000



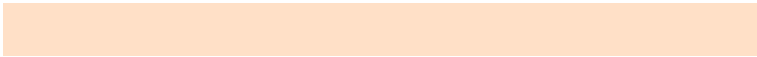
53, 0.007, 296.813

Same Dimension

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



81, 12.795, 67.707



91, 17.630, 67.260



86, 19.799, 106.262



44, 3.885, 68.685



45, 65.223, 56.858



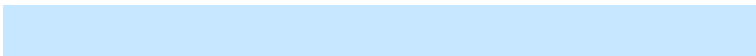
10, 18.436, 54.058

Inverse Universe

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



80, 12.016, 252.299



90, 16.304, 252.935



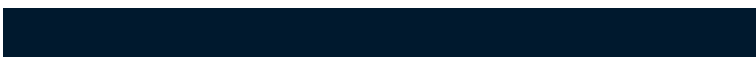
75, 20.558, 290.207



44, 3.772, 251.055



40, 48.667, 278.473



8, 16.726, 268.129

Previews

White Background



This preview shows how the CIELCh color 81, 12.795, 67.695 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 81, 12.795, 67.695 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 81, 12.795, 67.695

Background



This preview shows how black text looks on a background with the CIELCh color 81, 12.795, 67.695.



This preview shows how white text looks on a background with the CIELCh color 81, 12.795, 67.695.

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

81, 12.795, 67.695

Protanopia

81, 11.110, 91.195

Deuteranopia

81, 15.192, 49.265



Tritanopia
81, 13.607, 344.769

Trichromacy



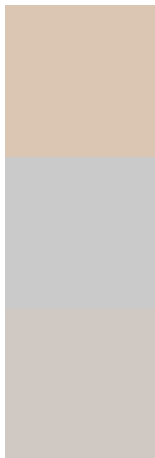
Original Color
81, 12.795, 67.695

Protanomaly
81, 11.692, 83.968

Deuteranomaly
81, 14.122, 54.123

Tritanomaly
81, 10.216, 11.259

Monochromacy



Original Color
81, 12.795, 67.695

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.336, 66.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 12.795, 67.695 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(219, 197, 179)` looks like.

```
.text, #text, p{  
    color:rgb(219, 197, 179)  
}
```

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(219, 197, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 197, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 12.795, 67.695 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(219, 197, 179) }
```

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

```
.border{ border-color:rgb(219, 197, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 197, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 197, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 197, 179);  
box-shadow:4px 4px 4px 4px rgb(219, 197,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 12.795, 67.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 197, 179) }
```

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

```
.background{ background-color: rgb(219,  
197, 179) }
```

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