

Converting Colors

CIELCh(81, 27.631, 65.202)

Have a look what the booklet for
CIELCh(81, 27.631, 65.202) contains.

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Color

CIELCh(81, 27.672, 64.743)

Conversions

Conversions Part 1

Format	Color
Hex	EFC09B
RGB	239, 192, 155
RGB Percent	94%, 75%, 61%
CMY	0.0624, 0.2467, 0.3918
CMYK	0.00, 0.20, 0.35, 0.06
HSL	26°, 73%, 77%
HSV	26°, 35%, 94%
XYZ	60.4175, 58.4711, 39.1475
YIQ	201.8350, 39.8890, -1.5430

Conversions

Conversions Part 2

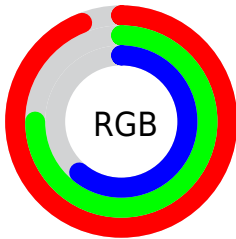
Format	Color
R _Y B	239, 221, 155
Decimal	15712411
CIE Lab	81.00, 11.81, 25.03
CIE LCh	81, 27.672, 64.743
Yxy	58.4711, 0.3823, 0.3700
Android (android.graphics.Color)	4293902491 (0xFFEFC09B)
YUV	201.8350, -23.0897, 32.5937
Hunter-Lab	76.4664, 7.2199, 23.1726

Details

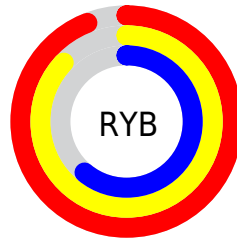
The CIELCh color **81, 27.672, 64.743** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 24.104, 254.258**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 19.470, 100.972**, and **61, 27.640, 64.840** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.599, 63.656**, and if you desaturate by 10%, it is **85, 19.224, 65.858**.

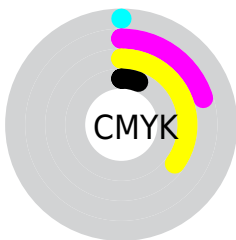
Distribution



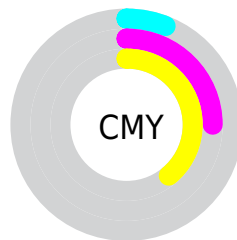
- Red (94%)
- Green (75%)
- Blue (61%)



- Red (94%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 27.672, 64.743 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, 27.672, 64.743 by changing the saturation by 10% instead.

 81, 27.672, 64.743

 81, 27.672, 64.743

 100, 27.672,
64.743

 71, 27.672, 64.743

 61, 27.672, 64.743

 51, 27.672, 64.743

 41, 27.672, 64.743

 31, 27.672, 64.743

 21, 27.672, 64.743

 11, 27.672, 64.743

 1, 27.672, 64.743

 0, 27.672, 64.743

81, 27.672, 64.743

81, 27.672, 64.743

77, 36.599, 63.656

85, 19.224, 65.858

74, 45.967, 62.574

89, 11.246, 66.969

70, 55.637, 61.476

92, 3.707, 68.013

67, 65.275, 60.273

96, 3.433, 249.399

64, 74.175, 58.762

99, 5.472, 199.180

62, 81.138, 56.558

60, 83.835, 55.302

Harmonies

Complementary

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



81, 27.672, 64.743



79, 24.104, 254.258

Rectangle

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



81, 27.672, 64.743



81, 27.672, 114.743



81, 27.672, 244.743



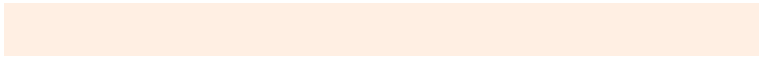
81, 27.672, 294.743

Sweetspot

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



81, 27.672, 64.750



95, 8.511, 67.416



74, 39.669, 343.355



50, 5.741, 67.269



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, 27.672, 64.750



83, 35.574, 63.981



91, 39.954, 103.721



48, 4.162, 67.582



47, 68.449, 55.980



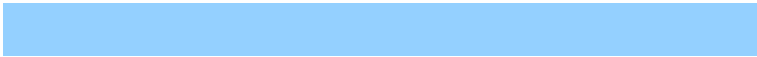
13, 23.553, 55.050

Inverse Universe

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



79, 24.104, 254.258



81, 30.021, 255.863



68, 43.135, 292.130



48, 4.033, 249.940



43, 49.981, 277.559



11, 19.278, 269.367

Previews

White Background



This preview shows how the CIELCh color 81, 27.672, 64.743 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 81, 27.672, 64.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

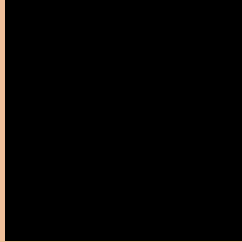
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 27.672, 64.743

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.672, 64.743.



This preview shows how white text looks on a background with the CIELCh color 81, 27.672, 64.743.

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
81, 22.978, 2.684

Trichromacy



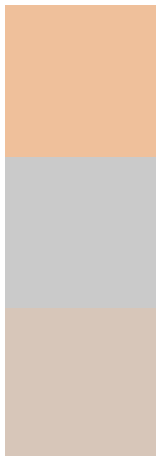
Original Color
81, 27.672, 64.743

Protanomaly
81, 23.471, 82.984

Deuteranomaly
81, 27.180, 67.255

Tritanomaly
81, 21.085, 26.754

Monochromacy



Original Color
81, 27.672, 64.743

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.450, 66.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.672, 64.743 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(239, 192, 155)` looks like.

```
.text, #text, p{  
    color:rgb(239, 192, 155)  
}
```

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(239, 192, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 192, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.672, 64.743 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(239, 192, 155) }
```

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

```
.border{ border-color:rgb(239, 192, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 192, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 192, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 192, 155);  
box-shadow:4px 4px 4px 4px rgb(239, 192,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.672, 64.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 192, 155) }
```

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

```
.background{ background-color: rgb(239,  
192, 155) }
```

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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