

Converting Colors

CIELCh(81, 23.496, 49.260)

Have a look what the booklet for
CIELCh(81, 23.496, 49.260) contains.

CIELCh(81, 23.357, 48.857)	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, 23.357, 48.857)

Conversions

Conversions Part 1

Format	Color
Hex	F1BEA9
RGB	241, 190, 169
RGB Percent	95%, 75%, 66%
CMY	0.0544, 0.2544, 0.3368
CMYK	0.00, 0.21, 0.30, 0.05
HSL	18°, 72%, 80%
HSV	18°, 30%, 95%
XYZ	61.9311, 58.4711, 45.6160
YIQ	202.8550, 37.1370, 4.2810

Conversions

Conversions Part 2

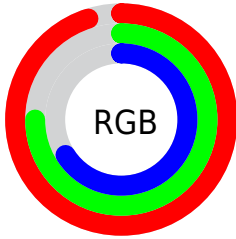
Format	Color
R _Y B	241, 199, 169
Decimal	15842985
CIE Lab	81.00, 15.37, 17.59
CIE LCh	81, 23.357, 48.857
Yxy	58.4711, 0.3730, 0.3522
Android (android.graphics.Color)	4294033065 (0xFFFF1BEA9)
YUV	202.8550, -16.6905, 33.4532
Hunter-Lab	76.4664, 10.7531, 18.1571

Details

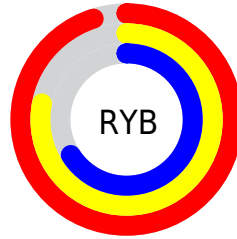
The CIELCh color **81, 23.357, 48.857** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 19.419, 233.402**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 11.663, 92.897**, and **61, 23.359, 49.351** is the 20% darker color. If you saturate the color by 10%, you get **76, 32.442, 48.499**, and if you desaturate by 10%, it is **86, 14.934, 49.328**.

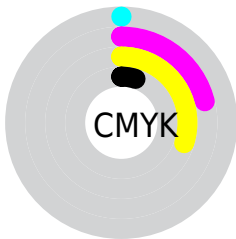
Distribution



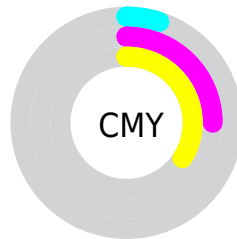
- Red (95%)
- Green (75%)
- Blue (66%)



- Red (95%)
- Yellow (78%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 23.357, 48.857 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, 23.357, 48.857 by changing the saturation by 10% instead.

 81, 23.357, 48.857

 81, 23.357, 48.857

 100, 23.357,
48.857

 71, 23.357, 48.857

 61, 23.357, 48.857

 51, 23.357, 48.857

 41, 23.357, 48.857

 31, 23.357, 48.857

 21, 23.357, 48.857

 11, 23.357, 48.857

 1, 23.357, 48.857

 0, 23.357, 48.857

81, 23.357, 48.857

81, 23.357, 48.857

76, 32.442, 48.499

86, 14.934, 49.328

72, 42.202, 48.257

90, 7.134, 49.844

68, 52.585, 48.145

95, 0.100, 236.394

64, 63.409, 48.132

99, 4.779, 199.241

61, 74.228, 48.089

58, 84.039, 47.674

55, 91.497, 46.508

55, 91.594, 46.496

Harmonies

Complementary

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



81, 23.357, 48.857



85, 19.419, 233.402

Rectangle

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



81, 23.357, 48.857



81, 23.357, 98.857



81, 23.357, 228.857



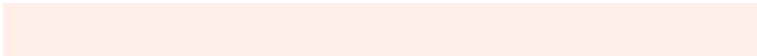
81, 23.357, 278.857

Sweetspot

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



81, 23.356, 48.864



95, 6.789, 49.886



77, 37.543, 335.753



50, 4.744, 49.812



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, 23.356, 48.864



82, 30.203, 48.623



90, 29.717, 95.816



48, 4.084, 49.864



42, 74.187, 47.051



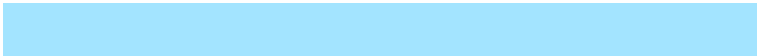
11, 24.932, 41.483

Inverse Universe

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



85, 19.419, 233.402



87, 24.004, 234.305



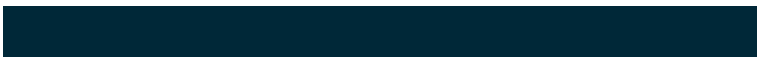
76, 30.644, 283.695



48, 3.877, 231.305



51, 37.766, 254.532



14, 15.624, 246.473

Previews

White Background



This preview shows how the CIELCh color 81, 23.357, 48.857 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, 23.357, 48.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

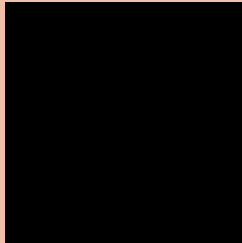
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 23.357, 48.857

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.357, 48.857.



This preview shows how white text looks on a background with the CIELCh color 81, 23.357, 48.857.

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



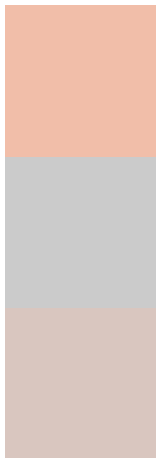
Original Color
81, 23.357, 48.857

Protanomaly
81, 16.520, 72.616

Deuteranomaly
81, 21.485, 57.997

Tritanomaly
81, 21.143, 19.694

Monochromacy



Original Color
81, 23.357, 48.857

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 8.065, 47.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 23.357, 48.857 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(241, 190, 169)` looks like.

```
.text, #text, p{  
    color:rgb(241, 190, 169)  
}
```

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(241, 190, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 190, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 23.357, 48.857 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(241, 190, 169) }
```

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

```
.border{ border-color:rgb(241, 190, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 190, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 190, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 190, 169);  
box-shadow:4px 4px 4px 4px rgb(241, 190,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 23.357, 48.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 190, 169) }
```

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

```
.background{ background-color: rgb(241,  
190, 169) }
```

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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