

Converting Colors

CIELCh(81, 16.360, 24.783)

Have a look what the booklet for
CIELCh(81, 16.360, 24.783) contains.

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Color

CIELCh(81, 16.508, 24.327)

Conversions

Conversions Part 1

Format	Color
Hex	EABFBD
RGB	234, 191, 189
RGB Percent	92%, 75%, 74%
CMY	0.0821, 0.2507, 0.2586
CMYK	0.00, 0.18, 0.19, 0.08
HSL	3°, 52%, 83%
HSV	3°, 19%, 92%
XYZ	61.7917, 58.4711, 56.2103
YIQ	203.6290, 26.2700, 8.4940

Conversions

Conversions Part 2

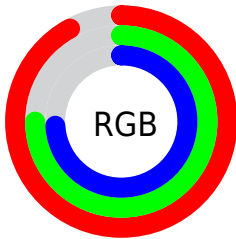
Format	Color
RYB	234, 191, 189
Decimal	15384509
CIELab	81.00, 15.04, 6.80
CIELCh	81, 16.508, 24.327
Yxy	58.4711, 0.3501, 0.3313
Android (android.graphics.Color)	4293574589 (0xFFEABFBD)
YUV	203.6290, -7.2121, 26.6354
Hunter-Lab	76.4664, 10.4279, 9.9425

Details

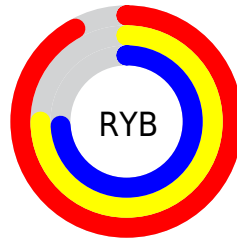
The CIELCh color **81, 16.508, 24.327** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 14.504, 202.630**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.001, 39.179**, and **61, 16.796, 22.989** is the 20% darker color. If you saturate the color by 10%, you get **75, 26.118, 25.205**, and if you desaturate by 10%, it is **87, 7.605, 23.653**.

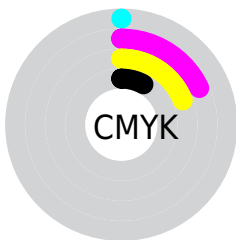
Distribution



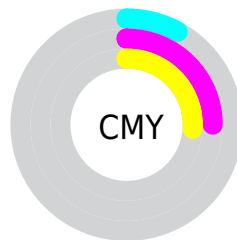
- Red (92%)
- Green (75%)
- Blue (74%)



- Red (92%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (8%)



- Cyan (8%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 16.508, 24.327 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, 16.508, 24.327 by changing the saturation by 10% instead.

81, 16.508, 24.327

81, 16.508, 24.327

100, 16.508,
24.327

71, 16.508, 24.327

61, 16.508, 24.327

51, 16.508, 24.327

41, 16.508, 24.327

31, 16.508, 24.327

21, 16.508, 24.327

11, 16.508, 24.327

1, 16.508, 24.327

0, 16.508, 24.327

81, 16.508, 24.327

81, 16.508, 24.327

75, 26.118, 25.205

87, 7.605, 23.653

70, 36.419, 26.356

93, 0.612, 204.284

64, 47.318, 27.878

99, 7.163, 199.045

60, 58.626, 29.861

56, 70.030, 32.357

53, 81.028, 35.279

50, 90.618, 38.166

49, 97.042, 40.175

49, 97.460, 40.348

Harmonies

Complementary

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



81, 16.508, 24.327



89, 14.504, 202.630

Rectangle

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



81, 16.508, 24.327



81, 16.508, 74.327



81, 16.508, 204.327



81, 16.508, 254.327

Sweetspot

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



81, 16.506, 24.335



96, 5.233, 23.441



82, 28.041, 326.408



51, 3.480, 23.487



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, 16.506, 24.335



85, 21.501, 24.645



86, 14.913, 76.476



46, 4.696, 23.669



38, 80.231, 40.475



7, 27.625, 25.062

Inverse Universe

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



89, 14.504, 202.630



96, 18.356, 202.511



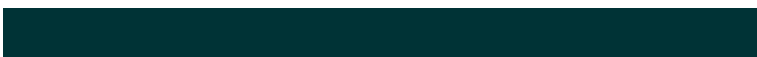
83, 14.325, 261.756



48, 4.418, 203.001



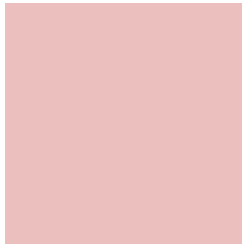
64, 36.501, 203.705



19, 15.757, 202.574

Previews

White Background



This preview shows how the CIELCh color 81, 16.508, 24.327 looks on a white background.

Color Contrast Check

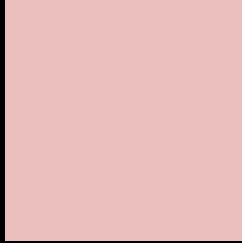
Large Text (above 18pt) WCAG AA × Fail

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, 16.508, 24.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

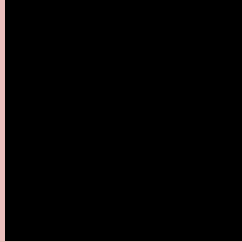
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 16.508, 24.327

Background



This preview shows how black text looks on a background with the CIELCh color 81, 16.508, 24.327.



This preview shows how white text looks on a background with the CIELCh color 81, 16.508, 24.327.

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, 16.508, 24.327

Protanopia

81, 4.306, 78.607

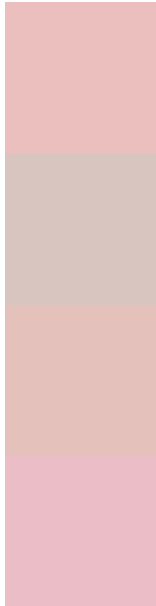
Deuteranopia

81, 12.642, 34.750



Tritanopia
81, 19.185, 356.661

Trichromacy



Original Color
81, 16.508, 24.327

Protanomaly
81, 7.979, 39.200

Deuteranomaly
81, 14.042, 31.216

Tritanomaly
81, 17.543, 5.174

Monochromacy



Original Color
81, 16.508, 24.327

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.937, 19.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 16.508, 24.327 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(234, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(234, 191, 189)  
}
```

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(234, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 191, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 16.508, 24.327 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(234, 191, 189) }
```

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

```
.border{ border-color:rgb(234, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(234, 191,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 16.508, 24.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 191, 189) }
```

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

```
.background{ background-color: rgb(234,  
191, 189) }
```

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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