

Converting Colors

CIELCh(80, 24.199, 39.971)

Have a look what the booklet for
CIELCh(80, 24.199, 39.971) contains.

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Color

CIELCh(80, 24.192, 40.061)

Conversions

Conversions Part 1

Format	Color
Hex	F2B9AA
RGB	242, 185, 170
RGB Percent	95%, 73%, 67%
CMY	0.0497, 0.2732, 0.3321
CMYK	0.00, 0.24, 0.30, 0.05
HSL	13°, 74%, 81%
HSV	13°, 30%, 95%
XYZ	61.4342, 56.6813, 45.8865
YIQ	200.3330, 38.7870, 7.4190

Conversions

Conversions Part 2

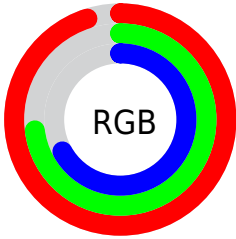
Format	Color
R _Y B	242, 189, 170
Decimal	15907242
CIE Lab	80.00, 18.52, 15.57
CIE LCh	80, 24.192, 40.061
Yxy	56.6813, 0.3746, 0.3456
Android (android.graphics.Color)	4294097322 (0xFFF2B9AA)
YUV	200.3330, -14.9542, 36.5420
Hunter-Lab	75.2870, 13.9039, 16.5643

Details

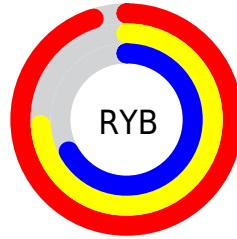
The CIELCh color **80, 24.192, 40.061** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 19.692, 221.983**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.631, 77.413**, and **60, 24.256, 40.196** is the 20% darker color. If you saturate the color by 10%, you get **75, 33.713, 40.231**, and if you desaturate by 10%, it is **85, 15.391, 40.061**.

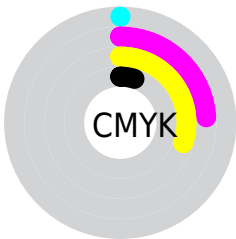
Distribution



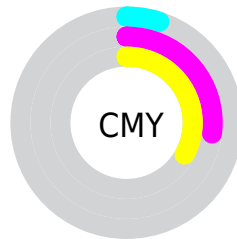
- Red (95%)
- Green (73%)
- Blue (67%)



- Red (95%)
- Yellow (74%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 24.192, 40.061 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, 24.192, 40.061 by changing the saturation by 10% instead.

 80, 24.192, 40.061

 80, 24.192, 40.061

 100, 24.192,
40.061

 70, 24.192, 40.061

 60, 24.192, 40.061

 50, 24.192, 40.061


 40, 24.192, 40.061

 30, 24.192, 40.061

 20, 24.192, 40.061

 10, 24.192, 40.061

 0, 24.192, 40.061

 80, 24.192, 40.061

 80, 24.192, 40.061

75, 33.713, 40.231

85, 15.391, 40.061

70, 43.957, 40.591

90, 7.279, 40.150

66, 54.854, 41.177

96, 0.203, 223.546

62, 66.205, 41.976

99, 4.367, 199.280

58, 77.550, 42.872

55, 87.843, 43.494

53, 95.488, 43.342

53, 95.684, 43.347

Harmonies

Complementary

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



80, 24.192, 40.061



87, 19.692, 221.983

Rectangle

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



80, 24.192, 40.061



80, 24.192, 90.061



80, 24.192, 220.061



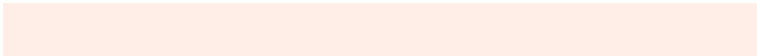
80, 24.192, 270.061

Sweetspot

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



80, 24.191, 40.068



95, 7.002, 40.157



78, 39.734, 332.451



50, 4.895, 40.143



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, 24.191, 40.068



80, 31.364, 40.151



89, 27.501, 89.913



48, 4.286, 40.153



41, 78.070, 43.753



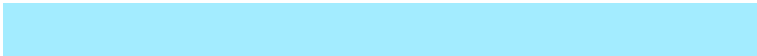
10, 27.353, 36.344

Inverse Universe

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



87, 19.692, 221.983



89, 24.245, 222.546



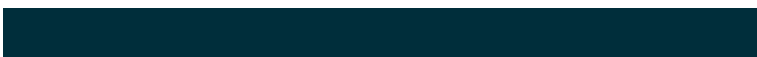
78, 27.649, 278.238



50, 4.040, 220.861



57, 34.845, 237.419



17, 15.313, 231.402

Previews

White Background



This preview shows how the CIELCh color 80, 24.192, 40.061 looks on a white background.

Color Contrast Check

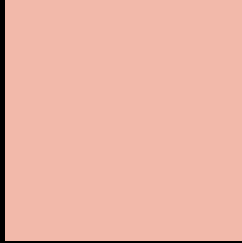
Large Text (above 18pt) WCAG AA × Fail

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 80, 24.192, 40.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

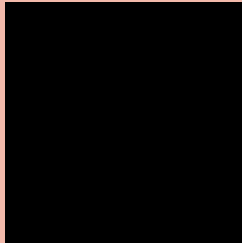
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 24.192, 40.061

Background



This preview shows how black text looks on a background with the CIELCh color 80, 24.192, 40.061.

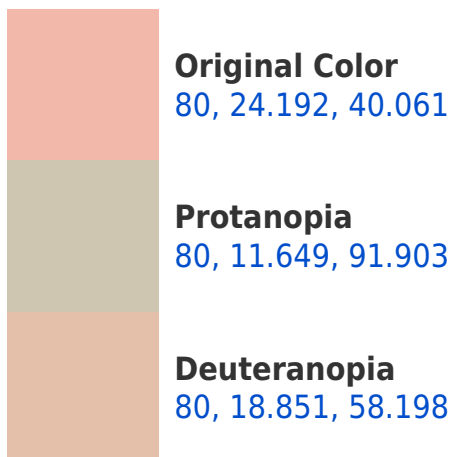


This preview shows how white text looks on a background with the CIELCh color 80, 24.192, 40.061.

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, 24.897, 4.360

Trichromacy



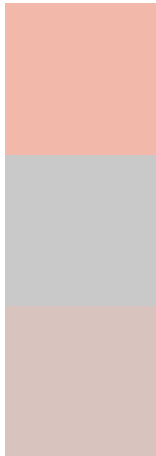
Original Color
80, 24.192, 40.061

Protanomaly
80, 14.260, 61.795

Deuteranomaly
80, 20.587, 51.276

Tritanomaly
80, 23.573, 16.275

Monochromacy



Original Color
80, 24.192, 40.061

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 8.361, 38.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 24.192, 40.061 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(242, 185, 170)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 170)  
}
```

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(242, 185, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 24.192, 40.061 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(242, 185, 170) }
```

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

```
.border{ border-color:rgb(242, 185, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 185, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 170);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 24.192, 40.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 170) }
```

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

```
.background{ background-color: rgb(242,  
185, 170) }
```

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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