

Converting Colors

CIELCh(80, 20.906, 51.613)

Have a look what the booklet for
CIELCh(80, 20.906, 51.613) contains.

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Color

CIELCh(80, 20.939, 50.724)

Conversions

Conversions Part 1

Format	Color
Hex	EABDA9
RGB	234, 189, 169
RGB Percent	92%, 74%, 66%
CMY	0.0828, 0.2592, 0.3377
CMYK	0.00, 0.19, 0.28, 0.08
HSL	18°, 61%, 79%
HSV	18°, 28%, 92%
XYZ	59.2189, 56.6813, 45.3024
YIQ	200.1750, 33.2400, 3.3200

Conversions

Conversions Part 2

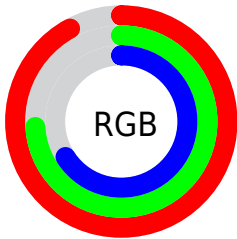
Format	Color
R _Y B	234, 198, 169
Decimal	15383977
CIE Lab	80.00, 13.26, 16.21
CIE LCh	80, 20.939, 50.724
Yxy	56.6813, 0.3674, 0.3516
Android (android.graphics.Color)	4293574057 (0xFFEABDA9)
YUV	200.1750, -15.3693, 29.6645
Hunter-Lab	75.2870, 8.6516, 17.0243

Details

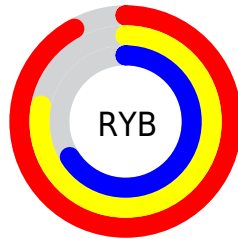
The CIELCh color $80, 20.939, 50.724$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83, 17.766, 235.328$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 11.295, 90.429$, and $60, 20.762, 51.418$ is the 20% darker color. If you saturate the color by 10%, you get $76, 29.604, 50.250$, and if you desaturate by 10%, it is $84, 12.897, 51.295$.

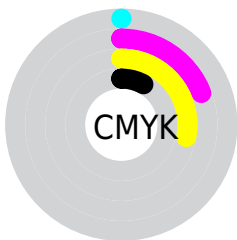
Distribution



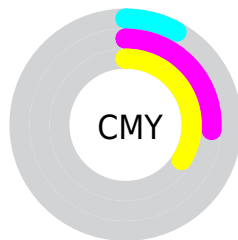
- Red (92%)
- Green (74%)
- Blue (66%)



- Red (92%)
- Yellow (78%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)
- Black (8%)



- Cyan (8%)
- Magenta (26%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 20.939, 50.724 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, 20.939, 50.724 by changing the saturation by 10% instead.

 80, 20.939, 50.724

 80, 20.939, 50.724

 100, 20.939,
50.724

 70, 20.939, 50.724

 60, 20.939, 50.724

 50, 20.939, 50.724

 40, 20.939, 50.724

 30, 20.939, 50.724

 20, 20.939, 50.724

 10, 20.939, 50.724

 0, 20.939, 50.724

 80, 20.939, 50.724

 80, 20.939, 50.724

76, 29.604, 50.250

84, 12.897, 51.295

71, 38.913, 49.874

89, 5.437, 51.882

67, 48.833, 49.613

94, 1.496, 233.059

64, 59.223, 49.444

98, 6.786, 204.886

60, 69.723, 49.266

99, 7.225, 199.040

57, 79.510, 48.800

55, 87.159, 47.554

54, 88.688, 47.301

Harmonies

Complementary

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



80, 20.939, 50.724



83, 17.766, 235.328

Rectangle

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



80, 20.939, 50.724



80, 20.939, 100.724



80, 20.939, 230.724



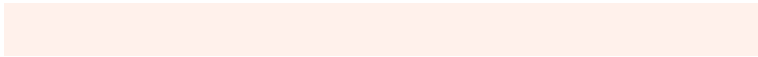
80, 20.939, 280.724

Sweetspot

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



80, 20.938, 50.732



96, 5.997, 51.869



76, 33.703, 336.292



51, 4.286, 51.784



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, 20.938, 50.732



84, 27.234, 50.462



88, 27.397, 97.146



47, 4.001, 51.789



42, 72.767, 47.855



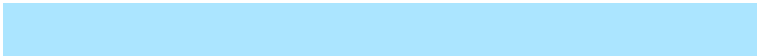
10, 23.464, 42.087

Inverse Universe

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



83, 17.766, 235.328



88, 22.275, 236.104



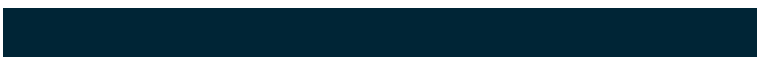
75, 28.290, 284.290



47, 3.806, 233.357



50, 38.314, 257.471



13, 15.372, 248.788

Previews

White Background



This preview shows how the CIELCh color 80, 20.939, 50.724 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 80, 20.939, 50.724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

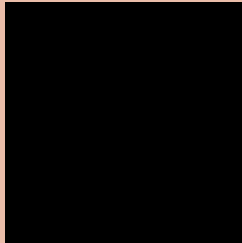
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 20.939, 50.724

Background



This preview shows how black text looks on a background with the CIELCh color 80, 20.939, 50.724.



This preview shows how white text looks on a background with the CIELCh color 80, 20.939, 50.724.

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

80, 20.939, 50.724

Protanopia

80, 13.799, 92.678

Deuteranopia

80, 19.213, 59.341



Tritanopia
80, 20.842, 0.420

Trichromacy



Original Color
80, 20.939, 50.724

Protanomaly
80, 14.963, 74.008

Deuteranomaly
80, 19.852, 56.068

Tritanomaly
80, 19.196, 17.829

Monochromacy



Original Color
80, 20.939, 50.724

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 7.077, 51.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 20.939, 50.724 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, 189, 169)` looks like.

```
.text, #text, p{  
    color:rgb(234, 189, 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(234, 189, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 189, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 20.939, 50.724 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, 189, 169) }
```

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

```
.border{ border-color:rgb(234, 189, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 189, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 189, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 189, 169);  
box-shadow:4px 4px 4px 4px rgb(234, 189,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 20.939, 50.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 189, 169) }
```

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

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