

Converting Colors

CIELCh(80, 22.142, 63.820)

Have a look what the booklet for
CIELCh(80, 22.142, 63.820) contains.

CIELCh(80, 22.115, 63.833)	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(80, 22.115, 63.833)

Conversions

Conversions Part 1

Format	Color
Hex	E6BFA2
RGB	230, 191, 162
RGB Percent	90%, 75%, 64%
CMY	0.0981, 0.2510, 0.3648
CMYK	0.00, 0.17, 0.30, 0.10
HSL	26°, 58%, 77%
HSV	26°, 30%, 90%
XYZ	57.7735, 56.6813, 42.0697
YIQ	199.3550, 32.5530, -0.7510

Conversions

Conversions Part 2

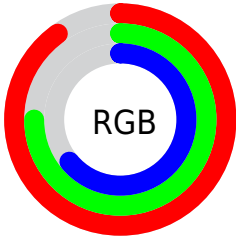
Format	Color
R _Y B	230, 213, 162
Decimal	15122338
CIE Lab	80.00, 9.75, 19.85
CIE LCh	80, 22.115, 63.833
Yxy	56.6813, 0.3691, 0.3621
Android (android.graphics.Color)	4293312418 (0xFFE6BFA2)
YUV	199.3550, -18.4160, 26.8757
Hunter-Lab	75.2870, 5.2246, 19.5702

Details

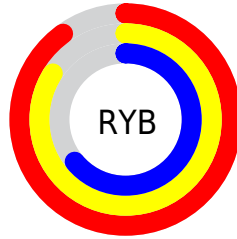
The CIELCh color **80, 22.115, 63.833** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 19.602, 251.380**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.533, 98.017**, and **60, 22.101, 65.111** is the 20% darker color. If you saturate the color by 10%, you get **76, 30.513, 62.791**, and if you desaturate by 10%, it is **84, 14.199, 64.907**.

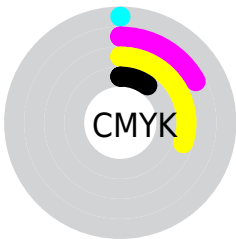
Distribution



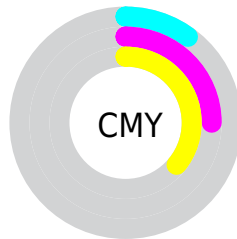
- Red (90%)
- Green (75%)
- Blue (64%)



- Red (90%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 22.115, 63.833 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, 22.115, 63.833 by changing the saturation by 10% instead.

 80, 22.115, 63.833

 80, 22.115, 63.833

 100, 22.115,
63.833

 70, 22.115, 63.833

 60, 22.115, 63.833

 50, 22.115, 63.833


 40, 22.115, 63.833

 30, 22.115, 63.833

 20, 22.115, 63.833

 10, 22.115, 63.833

 0, 22.115, 63.833

 80, 22.115, 63.833

 80, 22.115, 63.833

76, 30.513, 62.791

84, 14.199, 64.907

73, 39.388, 61.765

88, 6.739, 65.961

69, 48.675, 60.753

91, 0.304, 248.671

66, 58.180, 59.707

95, 6.973, 248.271

63, 67.457, 58.498

98, 8.528, 198.944

60, 75.619, 56.847

58, 81.706, 54.484

58, 81.964, 54.390

Harmonies

Complementary

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



80, 22.115, 63.833



79, 19.602, 251.380

Rectangle

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



80, 22.115, 63.833



80, 22.115, 113.833



80, 22.115, 243.833



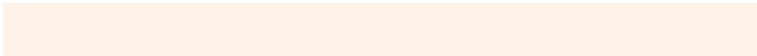
80, 22.115, 293.833

Sweetspot

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



80, 22.115, 63.841



96, 6.883, 66.013



74, 32.711, 341.910



51, 4.804, 65.864



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, 22.115, 63.841



86, 28.960, 63.247



88, 32.168, 103.493



46, 3.993, 65.972



45, 67.474, 55.056



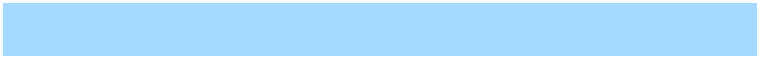
11, 21.115, 52.696

Inverse Universe

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



79, 19.602, 251.380



84, 25.002, 252.503



70, 34.126, 290.452



46, 3.861, 248.265



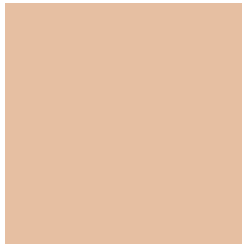
42, 47.482, 275.723



10, 17.481, 266.432

Previews

White Background



This preview shows how the CIELCh color 80, 22.115, 63.833 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, 22.115, 63.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

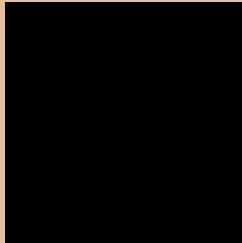
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 22.115, 63.833

Background



This preview shows how black text looks on a background with the CIELCh color 80, 22.115, 63.833.



This preview shows how white text looks on a background with the CIELCh color 80, 22.115, 63.833.

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, 22.115, 63.833

Protanopia

80, 18.102, 93.481

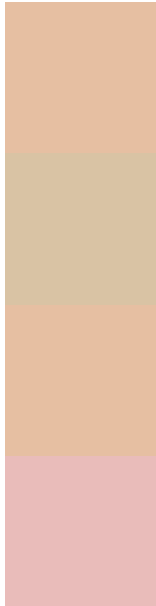
Deuteranopia

80, 22.115, 63.833



Tritanopia
80, 19.407, 358.644

Trichromacy



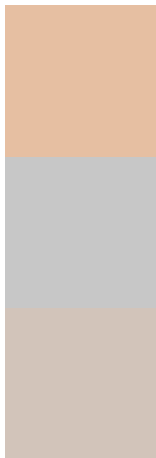
Original Color
80, 22.115, 63.833

Protanomaly
80, 18.659, 80.840

Deuteranomaly
80, 22.115, 63.833

Tritanomaly
80, 17.351, 24.242

Monochromacy



Original Color
80, 22.115, 63.833

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 7.492, 64.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 22.115, 63.833 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(230, 191, 162)` looks like.

```
.text, #text, p{  
    color:rgb(230, 191, 162)  
}
```

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(230, 191, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 191, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 22.115, 63.833 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(230, 191, 162) }
```

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

```
.border{ border-color:rgb(230, 191, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 191, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 191, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 191, 162);  
box-shadow:4px 4px 4px 4px rgb(230, 191,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 22.115, 63.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 191, 162) }
```

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

```
.background{ background-color: rgb(230,  
191, 162) }
```

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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