

Converting Colors

CIELCh(88, 18.364, 92.903)

Have a look what the booklet for
CIELCh(88, 18.364, 92.903) contains.

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Color

CIELCh(88, 18.349, 92.909)

Conversions

Conversions Part 1

Format	Color
Hex	E9DCBA
RGB	233, 220, 186
RGB Percent	91%, 86%, 73%
CMY	0.0862, 0.1372, 0.2705
CMYK	0.00, 0.06, 0.20, 0.09
HSL	43°, 52%, 82%
HSV	43°, 20%, 91%
XYZ	68.0699, 72.0653, 56.7840
YIQ	220.0110, 18.6620, -7.8180

Conversions

Conversions Part 2

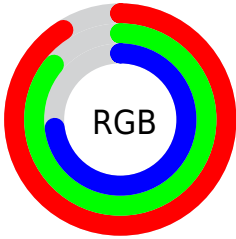
Format	Color
RYB	204, 233, 186
Decimal	15326394
CIELab	88.00, -0.93, 18.33
CIELCh	88, 18.349, 92.909
Yxy	72.0653, 0.3457, 0.3660
Android (android.graphics.Color)	4293516474 (0xFFE9DCBA)
YUV	220.0110, -16.7674, 11.3914
Hunter-Lab	84.8913, -5.4298, 19.7646

Details

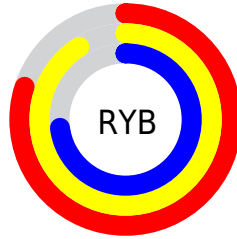
The CIELCh color **88, 18.349, 92.909** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **80, 18.504, 278.209**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **68, 18.203, 92.649** is the 20% darker color. If you saturate the color by 10%, you get **86, 27.625, 91.631**, and if you desaturate by 10%, it is **90, 9.181, 94.155**.

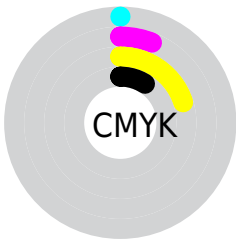
Distribution



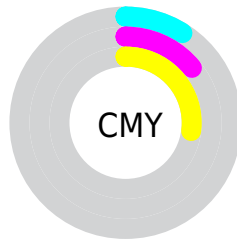
- Red (91%)
- Green (86%)
- Blue (73%)



- Red (80%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 18.349, 92.909 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 88, 18.349, 92.909 by changing the saturation by 10% instead.

 88, 18.349, 92.909

 88, 18.349, 92.909

 100, 18.349,
92.909

 78, 18.349, 92.909

 68, 18.349, 92.909

 58, 18.349, 92.909

 48, 18.349, 92.909

 38, 18.349, 92.909

 28, 18.349, 92.909

 18, 18.349, 92.909

 8, 18.349, 92.909

 0, 18.349, 92.909

88, 18.349, 92.909

88, 18.349, 92.909

86, 27.625, 91.631

90, 9.181, 94.155

84, 36.946, 90.307

92, 0.143, 93.788

82, 46.195, 88.947

95, 8.299, 275.709

80, 55.154, 87.544

96, 6.365, 247.250

78, 63.439, 86.076

98, 6.692, 211.310

77, 70.428, 84.488

98, 7.516, 199.018

75, 75.290, 82.677

73, 77.667, 80.595

Harmonies

Complementary

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



88, 18.349, 92.909



80, 18.504, 278.209

Rectangle

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



88, 18.349, 92.909



88, 18.349, 142.909



88, 18.349, 272.909



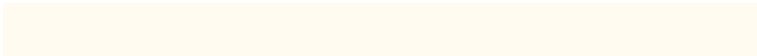
88, 18.349, 322.909

Sweetspot

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



88, 18.350, 92.917



99, 5.804, 94.643



80, 18.939, 359.191



52, 3.852, 94.568



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 18.350, 92.917



94, 23.555, 92.414



91, 24.473, 117.290



48, 5.153, 94.239



58, 64.362, 81.013



17, 24.222, 83.903

Inverse Universe

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



80, 18.504, 278.209



85, 23.793, 278.863



78, 25.546, 300.152



46, 5.181, 276.635



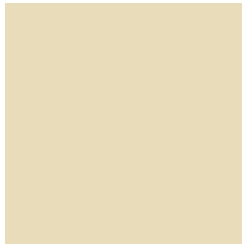
28, 82.202, 299.420



5, 28.694, 291.326

Previews

White Background



This preview shows how the CIELCh color 88, 18.349, 92.909 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 88, 18.349, 92.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

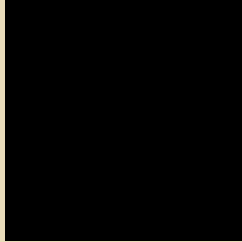
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

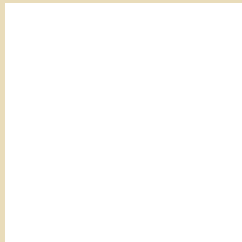
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 18.349, 92.909

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.349, 92.909.

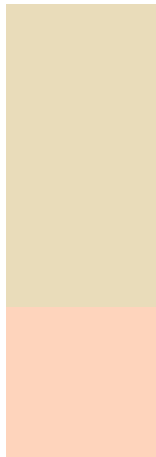


This preview shows how white text looks on a background with the CIELCh color 88, 18.349, 92.909.

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

88, 18.349, 92.909

Protanopia

88, 18.349, 92.909

Deuteranopia

88, 20.676, 57.128



Tritanopia
88, 12.641, 335.810

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.349, 92.909 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(233, 220, 186)` looks like.

```
.text, #text, p{  
    color:rgb(233, 220, 186)  
}
```

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(233, 220, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 220, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.349, 92.909 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(233, 220, 186) }
```

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

```
.border{ border-color:rgb(233, 220, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 220, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 220, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 220, 186); box-shadow:4px 4px 4px 4px rgb(233, 220, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.349, 92.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 220, 186) }
```

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

```
.background{ background-color: rgb(233,  
220, 186) }
```

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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