

Converting Colors

CIELCh(92, 18.315, 102.605)

Have a look what the booklet for
CIELCh(92, 18.315, 102.605)
contains.

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Color

CIELCh(92, 18.084, 102.739)

Conversions

Conversions Part 1

Format	Color
Hex	EEE9C6
RGB	238, 233, 198
RGB Percent	93%, 91%, 78%
CMY	0.0658, 0.0854, 0.2227
CMYK	0.00, 0.02, 0.17, 0.07
HSL	53°, 54%, 86%
HSV	53°, 17%, 93%
XYZ	74.7527, 80.7044, 65.1922
YIQ	230.5050, 14.2150, -9.8250

Conversions

Conversions Part 2

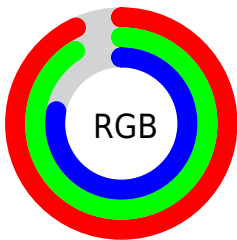
Format	Color
R _Y B	204, 238, 198
Decimal	15657414
CIE Lab	92.00, -3.99, 17.64
CIE LCh	92, 18.084, 102.739
Yxy	80.7044, 0.3388, 0.3658
Android (android.graphics.Color)	4293847494 (0xFFEEE9C6)
YUV	230.5050, -16.0250, 6.5731
Hunter-Lab	89.8356, -8.6816, 19.8592

Details

The CIELCh color **92, 18.084, 102.739** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 18.591, 286.599**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 17.948, 101.977** is the 20% darker color. If you saturate the color by 10%, you get **91, 28.841, 101.637**, and if you desaturate by 10%, it is **93, 7.303, 103.825**.

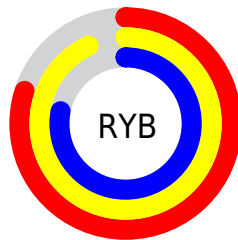
Distribution



Red (93%)

Green (91%)

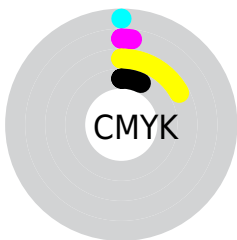
Blue (78%)



Red (80%)

Yellow (93%)

Blue (78%)

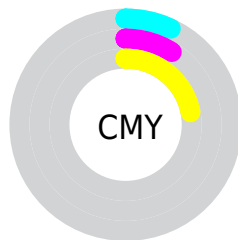


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (7%)



Cyan (7%)


Magenta (9%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 18.084, 102.739 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 92, 18.084, 102.739 by changing the saturation by 10% instead.


 92, 18.084,
102.739


 92, 18.084,
102.739


 100, 18.084,
102.739


 82, 18.084,
102.739


 72, 18.084,
102.739

 62, 18.084,
102.739

 52, 18.084,
102.739

 42, 18.084,
102.739

 32, 18.084,
102.739

 22, 18.084,

102.739

■ 12, 18.084,
102.739

■ 2, 18.084, 102.739

■ 92, 18.084,
102.739

■ 92, 18.084,
102.739

■ 91, 28.841,
101.637

■ 93, 7.303, 103.825

■ 90, 39.479,
100.516

■ 95, 3.455, 284.942

■ 89, 49.849, 99.396

■ 96, 6.711, 279.101

■ 88, 59.702, 98.293

■ 96, 5.550, 265.289

■ 87, 68.641, 97.221

■ 97, 4.852, 246.085

■ 98, 4.817, 223.883

■ 86, 76.087, 96.191

■ 99, 5.452, 204.276

■ 85, 81.340, 95.204

■ 99, 5.765, 199.155

■ 84, 83.888, 94.237

■ 84, 84.359, 93.928

Harmonies

Complementary

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



92, 18.084, 102.739



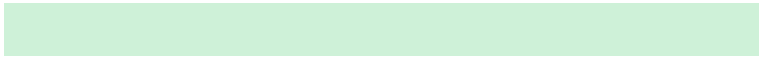
82, 18.591, 286.599

Rectangle

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



92, 18.084, 102.739



92, 18.084, 152.739



92, 18.084, 282.739



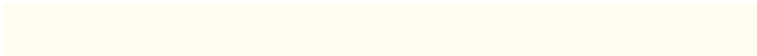
92, 18.084, 332.739

Sweetspot

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



92, 18.086, 102.746



99, 5.675, 104.009



83, 15.217, 10.016



53, 3.873, 103.936



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 18.086, 102.746



97, 22.762, 102.384



92, 21.264, 123.405



50, 6.143, 103.540



66, 69.484, 94.090



20, 28.685, 95.803

Inverse Universe

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



82, 18.591, 286.599



85, 23.530, 287.061



82, 21.903, 305.219



46, 6.245, 285.656



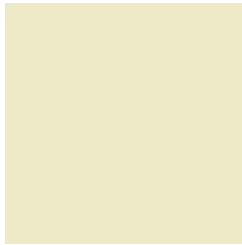
24, 97.938, 304.457



4, 34.538, 296.441

Previews

White Background



This preview shows how the CIELCh color 92, 18.084, 102.739 looks on a white background.

Color Contrast Check

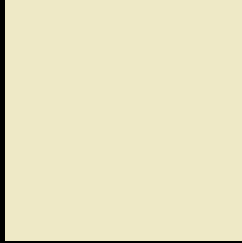
Large Text (above 18pt) WCAG AA × Fail

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 92, 18.084, 102.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

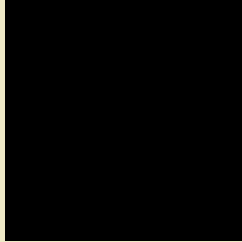
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

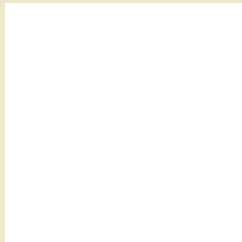
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 18.084, 102.739

Background



This preview shows how black text looks on a background with the CIELCh color 92, 18.084, 102.739.



This preview shows how white text looks on a background with the CIELCh color 92, 18.084, 102.739.

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

92, 18.084, 102.739

Protanopia

92, 18.178, 93.017

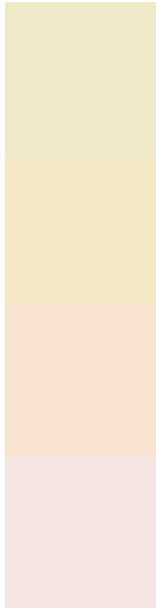
Deuteranopia

92, 13.042, 53.428



Tritanopia
92, 11.122, 323.300

Trichromacy



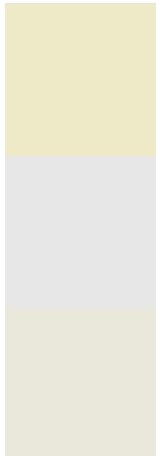
Original Color
92, 18.084, 102.739

Protanomaly
92, 18.389, 96.834

Deuteranomaly
92, 13.603, 75.795

Tritanomaly
92, 4.712, 25.872

Monochromacy



Original Color
92, 18.084, 102.739

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.730, 103.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 18.084, 102.739 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(238, 233, 198)` looks like.

```
.text, #text, p{  
    color:rgb(238, 233, 198)  
}
```

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(238, 233, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 233, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 18.084, 102.739 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(238, 233, 198) }
```

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

```
.border{ border-color:rgb(238, 233, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 233, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 233, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 233, 198);  
box-shadow:4px 4px 4px 4px rgb(238, 233,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 18.084, 102.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 233, 198) }
```

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

```
.background{ background-color: rgb(238,  
233, 198) }
```

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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