

Converting Colors

CIELCh(91, 14.047, 99.536)

Have a look what the booklet for
CIELCh(91, 14.047, 99.536) contains.

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Color

CIELCh(91, 14.092, 99.883)

Conversions

Conversions Part 1

Format	Color
Hex	ECE6CB
RGB	236, 230, 203
RGB Percent	93%, 90%, 80%
CMY	0.0758, 0.0993, 0.2052
CMYK	0.00, 0.03, 0.14, 0.08
HSL	49°, 46%, 86%
HSV	49°, 14%, 92%
XYZ	73.4286, 78.4833, 67.5781
YIQ	228.7160, 12.2430, -7.1250

Conversions

Conversions Part 2

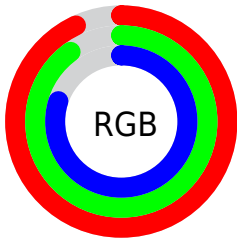
Format	Color
R _Y B	210, 236, 203
Decimal	15525579
CIE Lab	91.00, -2.42, 13.88
CIE LCh	91, 14.092, 99.883
Yxy	78.4833, 0.3345, 0.3576
Android (android.graphics.Color)	4293715659 (0xFFECE6CB)
YUV	228.7160, -12.6780, 6.3881
Hunter-Lab	88.5908, -7.0840, 16.7864

Details

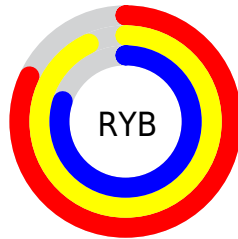
The CIELCh color **91, 14.092, 99.883** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 14.344, 283.216**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 14.234, 100.738** is the 20% darker color. If you saturate the color by 10%, you get **89, 24.222, 98.728**, and if you desaturate by 10%, it is **93, 4.004, 100.999**.

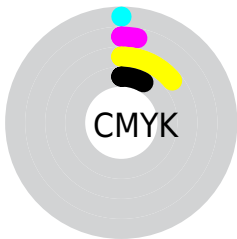
Distribution



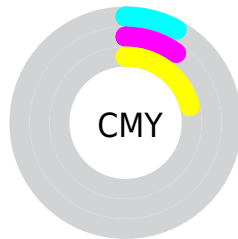
- Red (93%)
- Green (90%)
- Blue (80%)



- Red (82%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 14.092, 99.883 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 91, 14.092, 99.883 by changing the saturation by 10% instead.

 91, 14.092, 99.883

 91, 14.092, 99.883

 100, 14.092,
99.883

 81, 14.092, 99.883

 71, 14.092, 99.883

 61, 14.092, 99.883

 51, 14.092, 99.883

 41, 14.092, 99.883

 31, 14.092, 99.883

 21, 14.092, 99.883

 11, 14.092, 99.883

 1, 14.092, 99.883

91, 14.092, 99.883

91, 14.092, 99.883

89, 24.222, 98.728

93, 4.004, 100.999

88, 34.327, 97.536

94, 6.013, 282.166

86, 44.298, 96.327

96, 6.783, 270.447

85, 53.943, 95.108

97, 5.619, 247.768

84, 62.937, 93.886

98, 5.613, 220.130

83, 70.771, 92.656

99, 6.626, 199.086

81, 76.740, 91.397

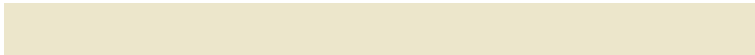
80, 80.135, 90.060

80, 81.089, 89.211

Harmonies

Complementary

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



91, 14.092, 99.883



84, 14.344, 283.216

Rectangle

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



91, 14.092, 99.883



91, 14.092, 149.883



91, 14.092, 279.883



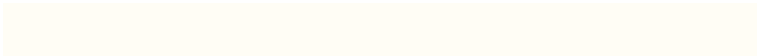
91, 14.092, 329.883

Sweetspot

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



91, 14.094, 99.892



99, 4.271, 100.997



84, 12.622, 5.840



53, 3.037, 100.919



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 14.094, 99.892



97, 18.264, 99.537



92, 17.419, 121.644



48, 5.689, 100.406



63, 66.657, 89.472



18, 26.108, 91.867

Inverse Universe

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



84, 14.344, 283.216



88, 18.657, 283.646



83, 17.886, 303.262



46, 5.762, 282.623



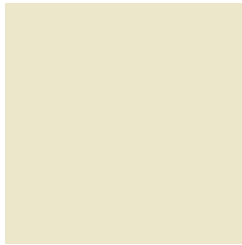
25, 92.140, 302.978



4, 31.265, 294.052

Previews

White Background



This preview shows how the CIELCh color 91, 14.092, 99.883 looks on a white background.

Color Contrast Check

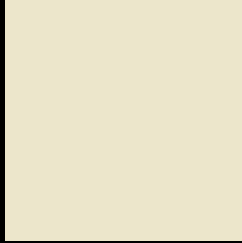
Large Text (above 18pt) WCAG AA × Fail

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 91, 14.092, 99.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

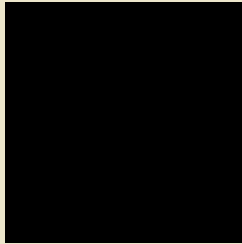
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

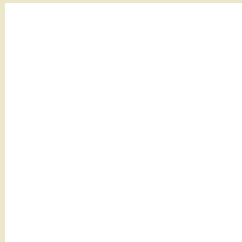
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 14.092, 99.883

Background



This preview shows how black text looks on a background with the CIELCh color 91, 14.092, 99.883.



This preview shows how white text looks on a background with the CIELCh color 91, 14.092, 99.883.

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

91, 14.092, 99.883

Protanopia

91, 14.152, 90.502

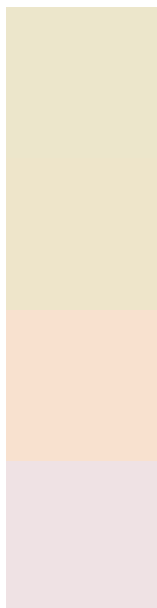
Deuteranopia

91, 14.127, 48.368



Tritanopia
91, 11.148, 323.305

Trichromacy



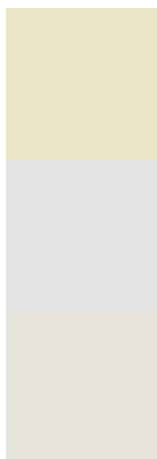
Original Color
91, 14.092, 99.883

Protanomaly
91, 14.323, 95.408

Deuteranomaly
91, 12.698, 66.641

Tritanomaly
91, 4.800, 7.188

Monochromacy



Original Color
91, 14.092, 99.883

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.207, 101.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 14.092, 99.883 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(236, 230, 203)` looks like.

```
.text, #text, p{  
    color:rgb(236, 230, 203)  
}
```

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(236, 230, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 230, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 14.092, 99.883 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(236, 230, 203) }
```

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

```
.border{ border-color:rgb(236, 230, 203) }
```

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

Here you see how a box with a 4 pixel rgb(236, 230, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 230, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 230, 203);  
box-shadow:4px 4px 4px 4px rgb(236, 230,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 14.092, 99.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 230, 203) }
```

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

```
.background{ background-color: rgb(236,  
230, 203) }
```

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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