

Converting Colors

CIELCh(91, 4.460, 19.927)

Have a look what the booklet for
CIELCh(91, 4.460, 19.927) contains.

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Color

CIELCh(91, 4.692, 19.605)

Conversions

Conversions Part 1	
Format	Color
Hex	EFE2E2
RGB	239, 226, 226
RGB Percent	94%, 89%, 89%
CMY	0.0615, 0.1124, 0.1125
CMYK	0.00, 0.05, 0.05, 0.06
HSL	0°, 29%, 91%
HSV	0°, 5%, 94%
XYZ	76.7613, 78.4833, 83.2859
YIQ	229.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

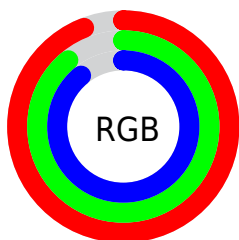
Format	Color
RYB	239, 226, 226
Decimal	15721186
CIELab	91.00, 4.42, 1.57
CIELCh	91, 4.692, 19.605
Yxy	78.4833, 0.3218, 0.3290
Android (android.graphics.Color)	4293911266 (0xFFEFE2E2)
YUV	229.8870, -1.9163, 7.9921
Hunter-Lab	88.5908, -0.3689, 6.2739

Details

The CIELCh color **91, 4.692, 19.605** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **94, 4.532, 199.270**, 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, 4.572, 19.693** is the 20% darker color. If you saturate the color by 10%, you get **85, 13.863, 20.454**, and if you desaturate by 10%, it is **98, 3.787, 199.361**.

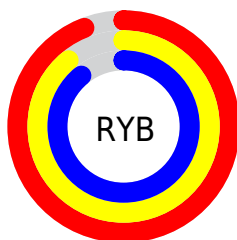
Distribution



Red (94%)

Green (89%)

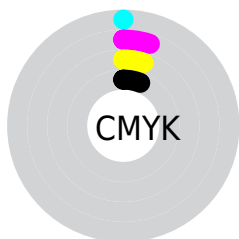
Blue (89%)



Red (94%)

Yellow (89%)

Blue (89%)

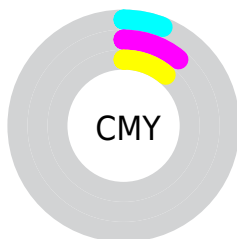


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (6%)



Cyan (6%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.692, 19.605 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, 4.692, 19.605 by changing the saturation by 10% instead.

	91, 4.692, 19.605		91, 4.692, 19.605
	100, 4.692, 19.605		81, 4.692, 19.605
			71, 4.692, 19.605
			61, 4.692, 19.605
			51, 4.692, 19.605
			41, 4.692, 19.605
			31, 4.692, 19.605
			21, 4.692, 19.605
			11, 4.692, 19.605
			1, 4.692, 19.605

	91, 4.692, 19.605		91, 4.692, 19.605
	85, 13.863, 20.454		98, 3.787, 199.361
	78, 23.758, 21.426		99, 5.392, 199.187
	72, 34.350, 22.681		
	67, 45.536, 24.323		
	62, 57.106, 26.464		
	57, 68.733, 29.202		
	54, 79.961, 32.530		
	52, 90.042, 36.130		
	50, 97.338, 39.036		

Harmonies

Complementary

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



91, 4.692, 19.605



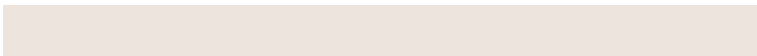
94, 4.532, 199.270

Rectangle

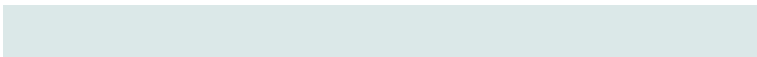
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



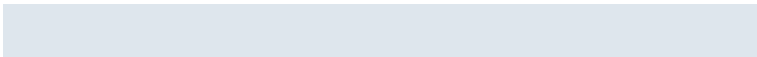
91, 4.692, 19.605



91, 4.692, 69.605



91, 4.692, 199.605



91, 4.692, 249.605

Sweetspot

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



91, 4.690, 19.631



99, 1.794, 19.184



91, 8.201, 324.705



53, 1.020, 19.159



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

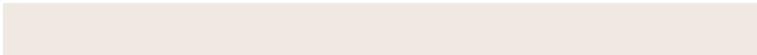
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 4.690, 19.631



95, 6.402, 19.767



93, 4.066, 74.655



47, 3.963, 19.812



38, 81.698, 39.998



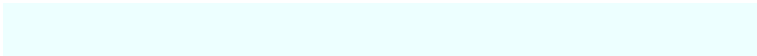
8, 29.829, 23.823

Inverse Universe

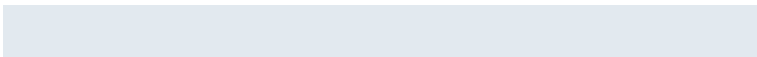
The Inverse Universe completely reimagines the original color for something new.



94, 4.532, 199.270



99, 6.125, 199.153



92, 4.026, 256.210



50, 3.778, 199.115



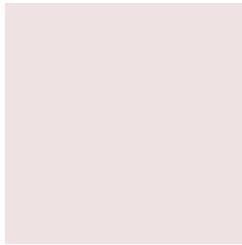
68, 39.139, 196.435



21, 17.087, 196.428

Previews

White Background



This preview shows how the CIELCh color 91, 4.692, 19.605 looks on a white background.

Color Contrast Check

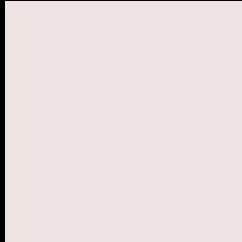
Large Text (above 18pt) WCAG AA × Fail

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, 4.692, 19.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

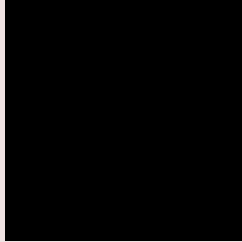
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

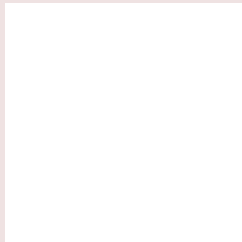
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.692, 19.605

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.692, 19.605.

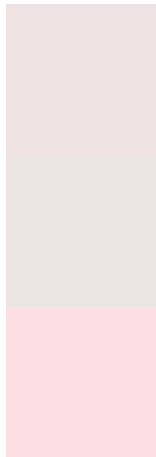


This preview shows how white text looks on a background with the CIELCh color 91, 4.692, 19.605.

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, 4.692, 19.605

Protanopia

91, 2.208, 32.809

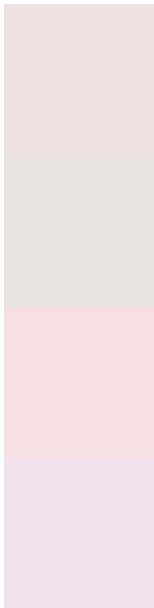
Deuteranopia

91, 11.216, 6.894

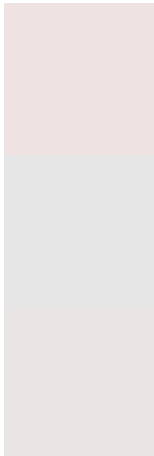


Tritanopia
91, 11.343, 324.826

Trichromacy

	Original Color 91, 4.692, 19.605
	Protanomaly 91, 3.236, 19.444
	Deuteranomaly 91, 8.487, 9.445
	Tritanomaly 91, 8.096, 335.206

Monochromacy

	Original Color 91, 4.692, 19.605
	Achromatopsia 91, 0.011, 296.813
	Achromatomaly 91, 1.430, 19.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.692, 19.605 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(239, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 226)  
}
```

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(239, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.692, 19.605 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(239, 226, 226) }
```

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

```
.border{ border-color:rgb(239, 226, 226) }
```

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

Here you see how a box with a 4 pixel rgb(239, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.692, 19.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 226) }
```

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

```
.background{ background-color: rgb(239,  
226, 226) }
```

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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