

Converting Colors

CIELCh(91, 2.183, 19.280)

Have a look what the booklet for
CIELCh(91, 2.183, 19.280) contains.

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Color

CIELCh(91, 2.150, 19.272)

Conversions

Conversions Part 1

Format	Color
Hex	EAE4E4
RGB	234, 228, 228
RGB Percent	92%, 89%, 89%
CMY	0.0828, 0.1064, 0.1064
CMYK	0.00, 0.03, 0.03, 0.08
HSL	0°, 12%, 91%
HSV	0°, 3%, 92%
XYZ	75.5851, 78.4833, 84.4727
YIQ	229.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

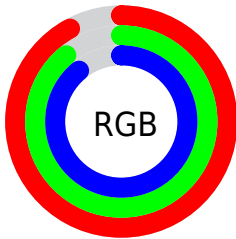
Format	Color
R_{YB}	234, 228, 228
Decimal	15394020
CIE _{Lab}	91.00, 2.03, 0.71
CIE _{LCh}	91, 2.150, 19.272
Yxy	78.4833, 0.3169, 0.3290
Android (android.graphics.Color)	4293584100 (0xFFEAE4E4)
YUV	229.7940, -0.8844, 3.6887
Hunter-Lab	88.5908, -2.7388, 5.4797

Details

The CIELCh color **91, 2.150, 19.272** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **92, 2.112, 199.612**, 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, 1.887, 19.304** is the 20% darker color. If you saturate the color by 10%, you get **85, 10.948, 20.239**, and if you desaturate by 10%, it is **97, 5.983, 199.188**.

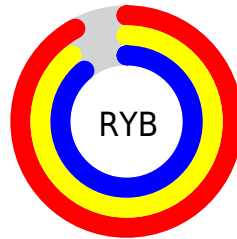
Distribution



Red (92%)

Green (89%)

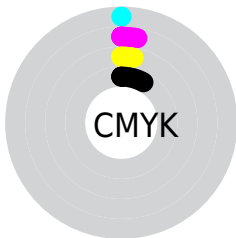
Blue (89%)



Red (92%)

Yellow (89%)

Blue (89%)

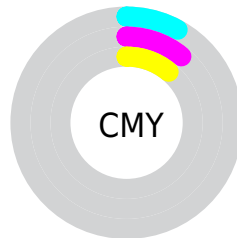


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (8%)



Cyan (8%)













Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 2.150, 19.272 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, 2.150, 19.272 by changing the saturation by 10% instead.

 91, 2.150, 19.272	 91, 2.150, 19.272
 100, 2.150, 19.272	 81, 2.150, 19.272
	 71, 2.150, 19.272
	 61, 2.150, 19.272
	 51, 2.150, 19.272
	 41, 2.150, 19.272
	 31, 2.150, 19.272
	 21, 2.150, 19.272
	 11, 2.150, 19.272
	 1, 2.150, 19.272

91, 2.150, 19.272

91, 2.150, 19.272

85, 10.948, 20.239

97, 5.983, 199.188

78, 20.451, 21.146

99, 7.228, 199.040

72, 30.652, 22.306

67, 41.474, 23.819

62, 52.746, 25.797

57, 64.182, 28.346

54, 75.376, 31.506

51, 85.720, 35.081

49, 93.948, 38.331

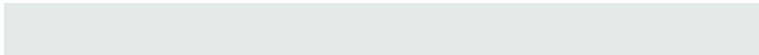
Harmonies

Complementary

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



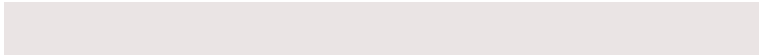
91, 2.150, 19.272



92, 2.112, 199.612

Rectangle

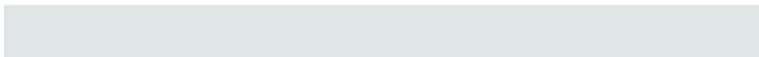
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



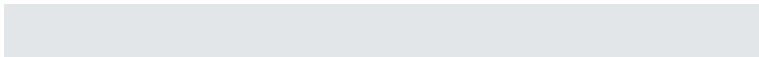
91, 2.150, 19.272



91, 2.150, 69.272



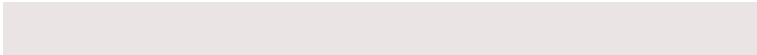
91, 2.150, 199.272



91, 2.150, 249.272

Sweetspot

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



91, 2.148, 19.327



99, 0.894, 18.783



91, 3.796, 324.507



53, 0.508, 18.741



0, 0.000, 0.000



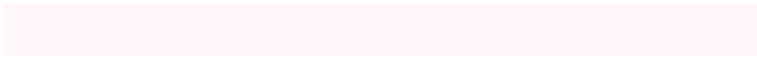
53, 0.007, 296.813

Same Dimension

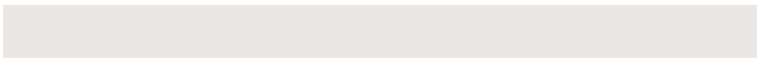
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 2.148, 19.327



98, 2.700, 19.397



92, 1.867, 74.888



48, 1.917, 19.495



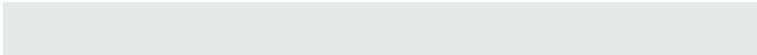
38, 80.838, 39.993



7, 28.521, 22.749

Inverse Universe

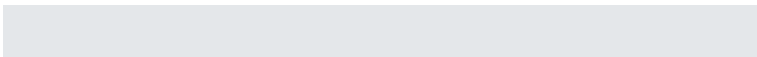
The Inverse Universe completely reimagines the original color for something new.



92, 2.112, 199.612



99, 2.648, 199.543



91, 1.872, 255.954



49, 1.872, 199.450



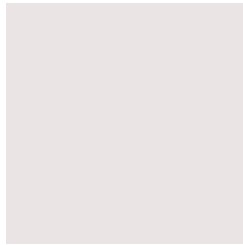
67, 38.715, 196.488



19, 16.581, 196.473

Previews

White Background



This preview shows how the CIE LCh color 91, 2.150, 19.272 looks on a white background.

Color Contrast Check

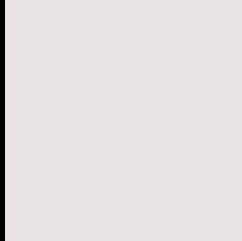
Large Text (above 18pt) WCAG AA × Fail

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, 2.150, 19.272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

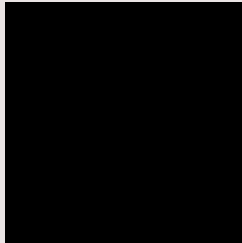
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

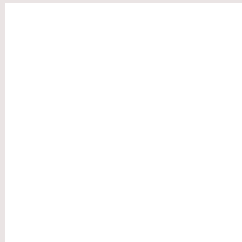
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.150, 19.272

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.150, 19.272.

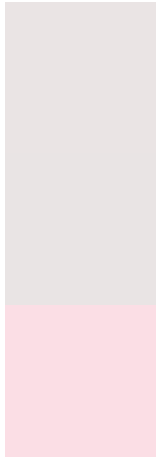


This preview shows how white text looks on a background with the CIELCh color 91, 2.150, 19.272.

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, 2.150, 19.272

Protanopia

91, 1.791, 19.190

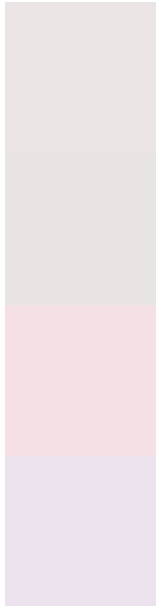
Deuteranopia

91, 11.121, 1.225



Tritanopia
91, 10.156, 313.145

Trichromacy



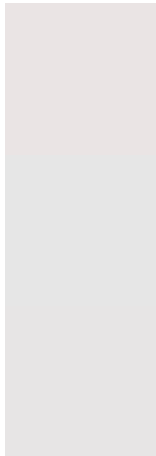
Original Color
91, 2.150, 19.272

Protanomaly
91, 1.791, 19.190

Deuteranomaly
91, 8.021, 1.137

Tritanomaly
91, 7.029, 317.478

Monochromacy



Original Color
91, 2.150, 19.272

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 0.715, 18.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.150, 19.272 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(234, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(234, 228, 228)  
}
```

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(234, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.150, 19.272 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(234, 228, 228) }
```

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

```
.border{ border-color:rgb(234, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(234, 228,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.150, 19.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 228, 228) }
```

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

```
.background{ background-color: rgb(234,  
228, 228) }
```

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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