

Converting Colors

CIELCh(92, 2.410, 19.309)

Have a look what the booklet for
CIELCh(92, 2.410, 19.309) contains.

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Color

CIELCh(92, 2.145, 19.266)

Conversions

Conversions Part 1

Format	Color
Hex	EDE7E7
RGB	237, 231, 231
RGB Percent	93%, 91%, 91%
CMY	0.0717, 0.0952, 0.0952
CMYK	0.00, 0.03, 0.03, 0.07
HSL	0°, 14%, 92%
HSV	0°, 3%, 93%
XYZ	77.7125, 80.7044, 86.8752
YIQ	232.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

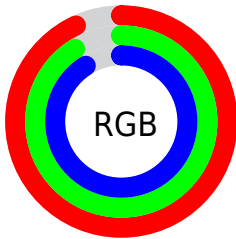
Format	Color
R _Y B	237, 231, 231
Decimal	15591399
CIE Lab	92.00, 2.02, 0.71
CIE LCh	92, 2.145, 19.266
Yxy	80.7044, 0.3168, 0.3290
Android (android.graphics.Color)	4293781479 (0xFFE7E7E7)
YUV	232.7940, -0.8844, 3.6887
Hunter-Lab	89.8356, -2.8007, 5.5488

Details

The CIELCh color **92, 2.145, 19.266** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **93, 2.108, 199.617**, 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, 2.262, 19.376** is the 20% darker color. If you saturate the color by 10%, you get **86, 11.028, 20.237**, and if you desaturate by 10%, it is **99, 6.066, 199.186**.

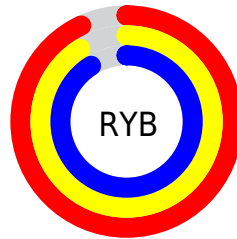
Distribution



Red (93%)

Green (91%)

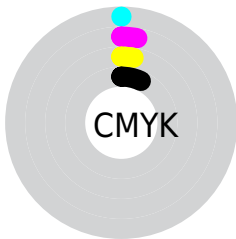
Blue (91%)



Red (93%)

Yellow (91%)

Blue (91%)

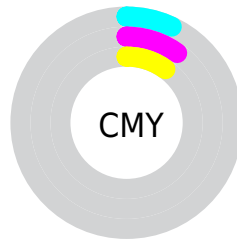


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.145, 19.266 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, 2.145, 19.266 by changing the saturation by 10% instead.

 92, 2.145, 19.266	 92, 2.145, 19.266
 100, 2.145, 19.266	 82, 2.145, 19.266
	 72, 2.145, 19.266
	 62, 2.145, 19.266
	 52, 2.145, 19.266
	 42, 2.145, 19.266
	 32, 2.145, 19.266
	 22, 2.145, 19.266
	 12, 2.145, 19.266
	 2, 2.145, 19.266

92, 2.145, 19.266

92, 2.145, 19.266

86, 11.028, 20.237

99, 6.066, 199.186

79, 20.623, 21.144

99, 6.272, 199.114

73, 30.924, 22.304

68, 41.853, 23.818

62, 53.236, 25.798

58, 64.784, 28.350

54, 76.088, 31.512

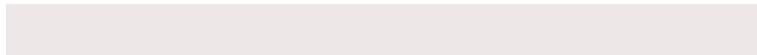
52, 86.531, 35.090

50, 94.830, 38.340

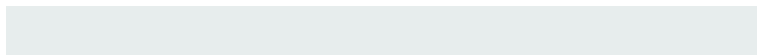
Harmonies

Complementary

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



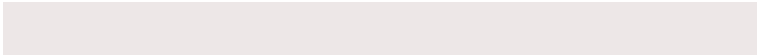
92, 2.145, 19.266



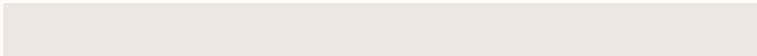
93, 2.108, 199.617

Rectangle

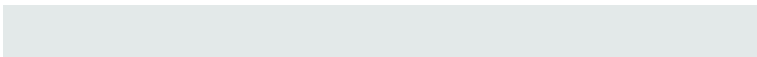
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



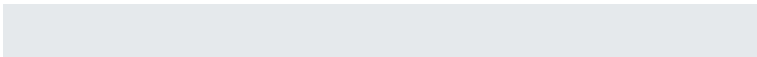
92, 2.145, 19.266



92, 2.145, 69.266



92, 2.145, 199.266



92, 2.145, 249.266

Sweetspot

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



92, 2.143, 19.321



99, 0.894, 18.782



92, 3.787, 324.504



53, 0.508, 18.741



0, 0.000, 0.000



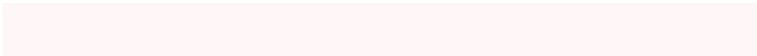
53, 0.007, 296.813

Same Dimension

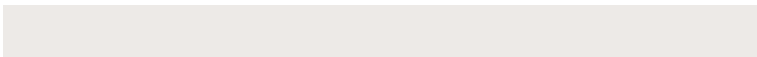
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 2.143, 19.321



98, 2.700, 19.397



93, 1.863, 74.889



48, 1.917, 19.495



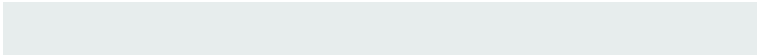
38, 80.838, 39.993



7, 28.522, 22.749

Inverse Universe

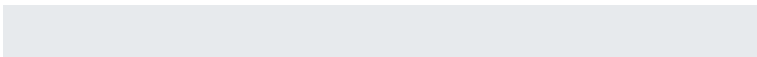
The Inverse Universe completely reimagines the original color for something new.



93, 2.108, 199.617



99, 2.648, 199.543



92, 1.868, 255.953



49, 1.872, 199.450



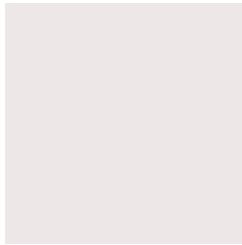
67, 38.715, 196.488



19, 16.581, 196.473

Previews

White Background



This preview shows how the CIE LCh color 92, 2.145, 19.266 looks on a white background.

Color Contrast Check

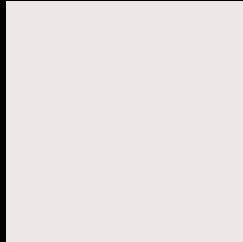
Large Text (above 18pt) WCAG AA × Fail

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 92, 2.145, 19.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

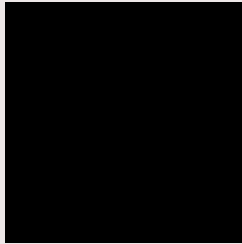
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

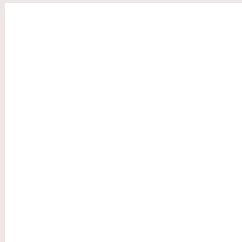
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.145, 19.266

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.145, 19.266.

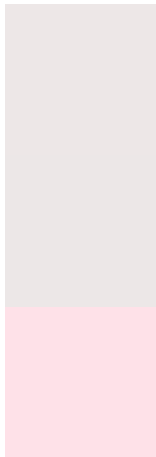


This preview shows how white text looks on a background with the CIELCh color 92, 2.145, 19.266.

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, 2.145, 19.266

Protanopia

92, 1.786, 19.184

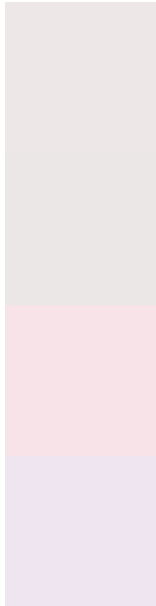
Deuteranopia

92, 11.092, 1.211



Tritanopia
92, 10.132, 313.141

Trichromacy



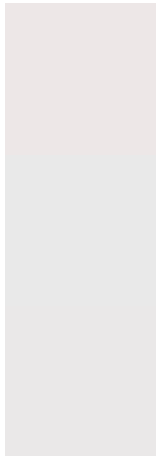
Original Color
92, 2.145, 19.266

Protanomaly
92, 1.786, 19.184

Deuteranomaly
92, 8.001, 1.126

Tritanomaly
92, 6.557, 319.521

Monochromacy



Original Color
92, 2.145, 19.266

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.713, 18.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.145, 19.266 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(237, 231, 231)` looks like.

```
.text, #text, p{  
    color:rgb(237, 231, 231)  
}
```

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(237, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 231, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.145, 19.266 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(237, 231, 231) }
```

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

```
.border{ border-color:rgb(237, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 231,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.145, 19.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 231, 231) }
```

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

```
.background{ background-color: rgb(237,  
231, 231) }
```

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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