

Converting Colors

CIELCh(91, 5.016, 49.907)

Have a look what the booklet for
CIELCh(91, 5.016, 49.907) contains.

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Color

CIELCh(91, 5.052, 50.265)

Conversions

Conversions Part 1

Format	Color
Hex	EFE3DE
RGB	239, 227, 222
RGB Percent	94%, 89%, 87%
CMY	0.0631, 0.1102, 0.1298
CMYK	0.00, 0.05, 0.07, 0.06
HSL	18°, 35%, 90%
HSV	18°, 7%, 94%
XYZ	76.1740, 78.4833, 80.1691
YIQ	230.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

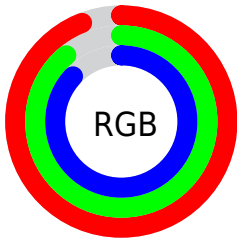
Format	Color
R_{YB}	239, 229, 222
Decimal	15721438
CIE _{Lab}	91.00, 3.23, 3.89
CIE _{LCh}	91, 5.052, 50.265
Yxy	78.4833, 0.3244, 0.3342
Android (android.graphics.Color)	4293911518 (0xFFEFE3DE)
YUV	230.0180, -3.9529, 7.8772
Hunter-Lab	88.5908, -1.5523, 8.3599

Details

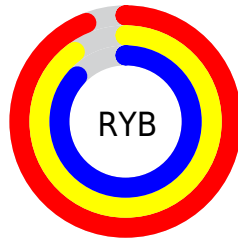
The CIELCh color **91, 5.052, 50.265** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **92, 4.865, 231.483**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 5.014, 52.408** is the 20% darker color. If you saturate the color by 10%, you get **86, 12.627, 49.774**, and if you desaturate by 10%, it is **96, 1.980, 231.346**.

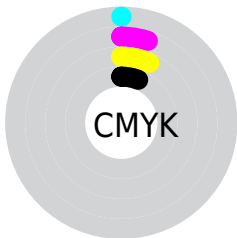
Distribution



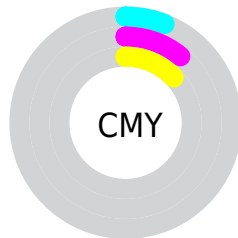
- Red (94%)
- Green (89%)
- Blue (87%)



- Red (94%)
- Yellow (90%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (6%)








- Cyan (6%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.052, 50.265 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, 5.052, 50.265 by changing the saturation by 10% instead.

 91, 5.052, 50.265	 91, 5.052, 50.265
 100, 5.052, 50.265	 81, 5.052, 50.265
	 71, 5.052, 50.265
	 61, 5.052, 50.265
	 51, 5.052, 50.265
	 41, 5.052, 50.265
	 31, 5.052, 50.265
	 21, 5.052, 50.265
	 11, 5.052, 50.265
	 1, 5.052, 50.265

91, 5.052, 50.265

91, 5.052, 50.265

86, 12.627, 49.774

96, 1.980, 231.346

82, 20.804, 49.276

99, 5.536, 199.174

77, 29.627, 48.866

73, 39.118, 48.570

69, 49.247, 48.403

65, 59.882, 48.346

61, 70.672, 48.307

58, 80.814, 48.018

55, 88.801, 46.948

Harmonies

Complementary

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



91, 5.052, 50.265



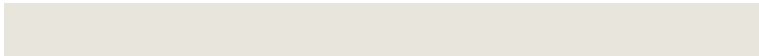
92, 4.865, 231.483

Rectangle

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



91, 5.052, 50.265



91, 5.052, 100.265



91, 5.052, 230.265



91, 5.052, 280.265

Sweetspot

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



91, 5.052, 50.295



99, 1.466, 50.317



90, 8.802, 334.056



53, 0.833, 50.301



0, 0.000, 0.000



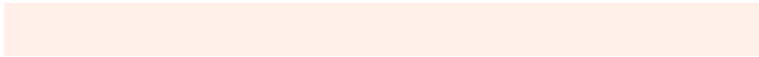
53, 0.007, 296.813

Same Dimension

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



91, 5.052, 50.295



95, 6.786, 50.202



93, 6.960, 98.539



48, 4.082, 50.180



42, 74.084, 47.174



11, 24.898, 41.692

Inverse Universe

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



92, 4.865, 231.483



97, 6.461, 231.611



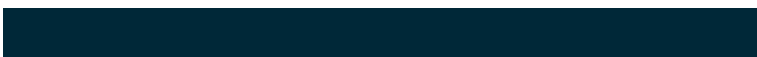
90, 7.023, 280.262



48, 3.876, 231.643



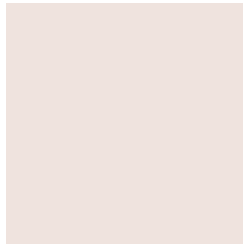
51, 37.919, 255.033



14, 15.664, 246.942

Previews

White Background



This preview shows how the CIELCh color 91, 5.052, 50.265 looks on a white background.

Color Contrast Check

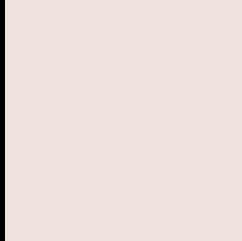
Large Text (above 18pt) WCAG AA × Fail

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 91, 5.052, 50.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

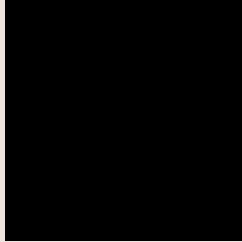
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

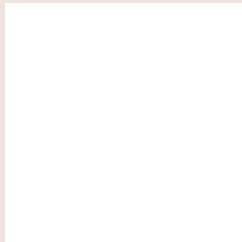
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.052, 50.265

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.052, 50.265.

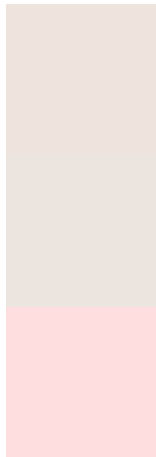


This preview shows how white text looks on a background with the CIELCh color 91, 5.052, 50.265.

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, 5.052, 50.265

Protanopia

91, 3.597, 65.220

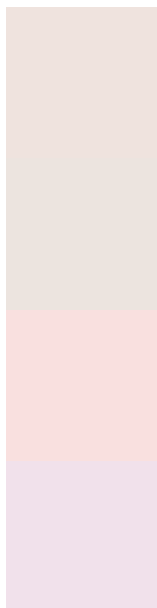
Deuteranopia

91, 11.741, 17.688



Tritanopia
91, 11.343, 324.826

Trichromacy



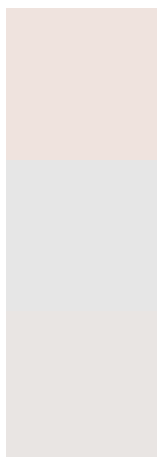
Original Color
91, 5.052, 50.265

Protanomaly
91, 3.860, 61.356

Deuteranomaly
91, 9.148, 23.207

Tritanomaly
91, 7.742, 337.920

Monochromacy



Original Color
91, 5.052, 50.265

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.754, 55.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.052, 50.265 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, 227, 222)` looks like.

```
.text, #text, p{  
    color:rgb(239, 227, 222)  
}
```

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, 227, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.052, 50.265 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, 227, 222) }
```

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

```
.border{ border-color:rgb(239, 227, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 227, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 227, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 227, 222);  
box-shadow:4px 4px 4px 4px rgb(239, 227,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.052, 50.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 222) }
```

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

```
.background{ background-color: rgb(239,  
227, 222) }
```

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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