

Converting Colors

CIELCh(91, 5.429, 81.248)

Have a look what the booklet for
CIELCh(91, 5.429, 81.248) contains.

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Color

CIELCh(91, 5.283, 80.943)

Conversions

Conversions Part 1

Format	Color
Hex	EBE4DB
RGB	235, 228, 219
RGB Percent	92%, 89%, 86%
CMY	0.0773, 0.1047, 0.1401
CMYK	0.00, 0.03, 0.07, 0.08
HSL	34°, 29%, 89%
HSV	34°, 7%, 92%
XYZ	75.0003, 78.4833, 78.4081
YIQ	229.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

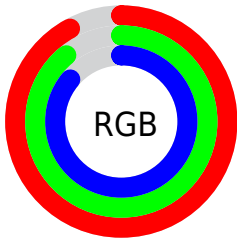
Format	Color
RYB	231, 235, 219
Decimal	15459547
CIELab	91.00, 0.83, 5.22
CIElCh	91, 5.283, 80.943
Yxy	78.4833, 0.3234, 0.3384
Android (android.graphics.Color)	4293649627 (0xFFEBE4DB)
YUV	229.0670, -4.9630, 5.2032
Hunter-Lab	88.5908, -3.9172, 9.5384

Details

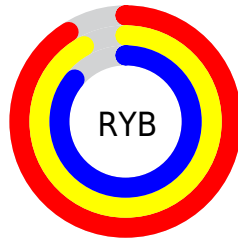
The CIELCh color $91, 5.283, 80.943$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 5.244, 262.858$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $71, 5.399, 84.326$ is the 20% darker color. If you saturate the color by 10%, you get $88, 13.302, 79.715$, and if you desaturate by 10%, it is $94, 2.455, 262.440$.

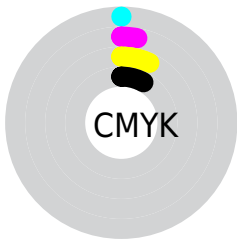
Distribution



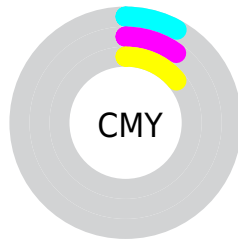
- Red (92%)
- Green (89%)
- Blue (86%)



- Red (91%)
- Yellow (92%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.283, 80.943 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, 5.283, 80.943 by changing the saturation by 10% instead.

91, 5.283, 80.943

91, 5.283, 80.943

100, 5.283, 80.943

81, 5.283, 80.943

71, 5.283, 80.943

61, 5.283, 80.943

51, 5.283, 80.943

41, 5.283, 80.943

31, 5.283, 80.943

21, 5.283, 80.943

11, 5.283, 80.943

1, 5.283, 80.943

91, 5.283, 80.943

91, 5.283, 80.943

88, 13.302, 79.715

94, 2.455, 262.440

85, 21.616, 78.397

97, 5.560, 233.667

82, 30.223, 77.042

99, 6.754, 199.076

79, 39.089, 75.655

76, 48.114, 74.224

73, 57.071, 72.710

71, 65.511, 71.027

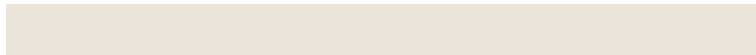
68, 72.637, 68.990

66, 77.421, 66.313

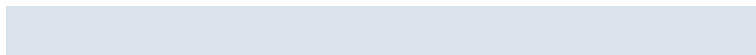
Harmonies

Complementary

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



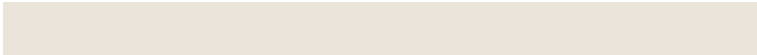
91, 5.283, 80.943



90, 5.244, 262.858

Rectangle

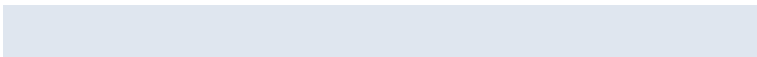
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 5.283, 80.943



91, 5.283, 130.943



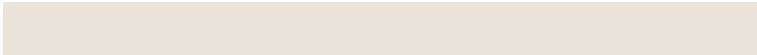
91, 5.283, 260.943



91, 5.283, 310.943

Sweetspot

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



91, 5.284, 80.969



99, 1.638, 81.411



89, 6.897, 346.957



53, 0.931, 81.411



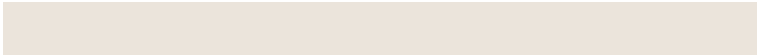
0, 0.000, 0.000



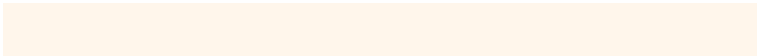
53, 0.007, 296.813

Same Dimension

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



91, 5.284, 80.969



97, 6.650, 80.822



93, 8.234, 111.539



48, 4.426, 80.647



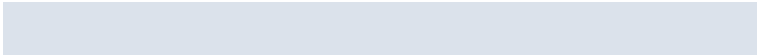
51, 64.517, 66.057



14, 22.352, 67.703

Inverse Universe

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



90, 5.244, 262.858



96, 6.583, 263.020



88, 8.376, 292.782



46, 4.368, 263.216



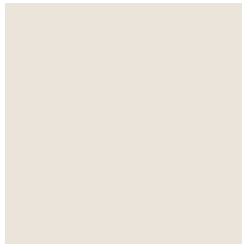
36, 63.011, 289.568



8, 22.960, 282.014

Previews

White Background



This preview shows how the CIELCh color 91, 5.283, 80.943 looks on a white background.

Color Contrast Check

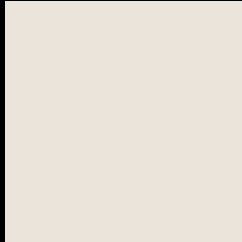
Large Text (above 18pt) WCAG AA × Fail

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, 5.283, 80.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

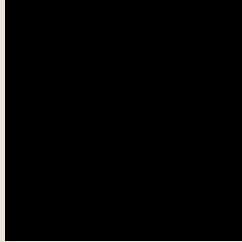
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

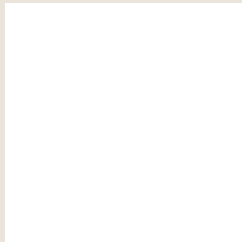
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.283, 80.943

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.283, 80.943.

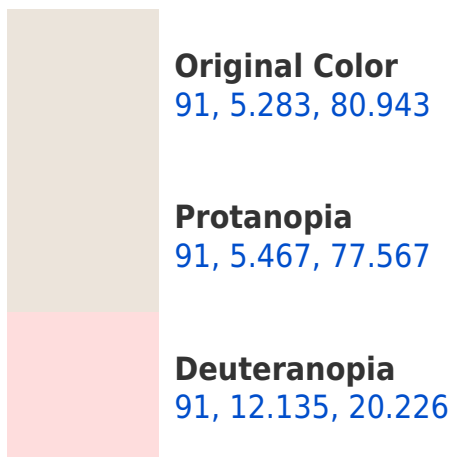


This preview shows how white text looks on a background with the CIELCh color 91, 5.283, 80.943.

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](#).

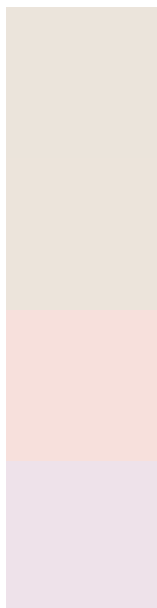
Dichromacy





Tritanopia
91, 10.152, 319.803

Trichromacy



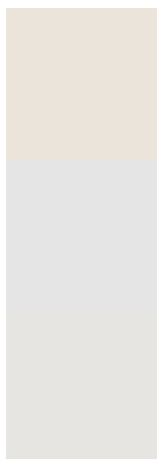
Original Color
91, 5.283, 80.943

Protanomaly
91, 5.467, 77.567

Deuteranomaly
91, 8.680, 33.642

Tritanomaly
91, 5.989, 335.953

Monochromacy



Original Color
91, 5.283, 80.943

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.174, 90.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.283, 80.943 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(235, 228, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 219)  
}
```

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(235, 228, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.283, 80.943 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(235, 228, 219) }
```

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

```
.border{ border-color:rgb(235, 228, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 228, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.283, 80.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 219) }
```

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

```
.background{ background-color: rgb(235,  
228, 219) }
```

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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