

Converting Colors

CIELCh(96, 2.280, 39.002)

Have a look what the booklet for
CIELCh(96, 2.280, 39.002) contains.

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Color

CIELCh(96, 2.182, 32.792)

Conversions

Conversions Part 1

Format	Color
Hex	F8F2F1
RGB	248, 242, 241
RGB Percent	97%, 95%, 95%
CMY	0.0265, 0.0500, 0.0540
CMYK	0.00, 0.02, 0.03, 0.03
HSL	9°, 34%, 96%
HSV	9°, 3%, 97%
XYZ	86.5286, 90.0078, 96.2149
YIQ	243.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

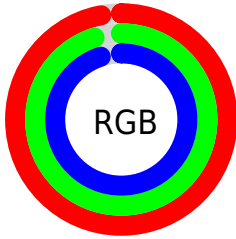
Format	Color
RYB	248, 242, 241
Decimal	16315121
CIELab	96.00, 1.83, 1.18
CIELCh	96, 2.182, 32.792
Yxy	90.0078, 0.3172, 0.3300
Android (android.graphics.Color)	4294505201 (0xFF8F2F1)
YUV	243.6800, -1.3212, 3.7886
Hunter-Lab	94.8724, -3.2255, 6.2817

Details

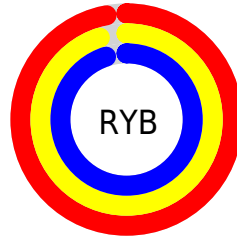
The CIELCh color **96, 2.182, 32.792** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 2.145, 213.438**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 2.297, 32.861** is the 20% darker color. If you saturate the color by 10%, you get **90, 10.339, 33.200**, and if you desaturate by 10%, it is **100, 2.344, 199.539**.

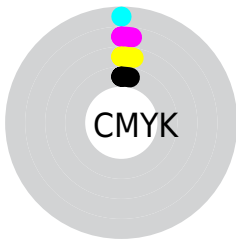
Distribution



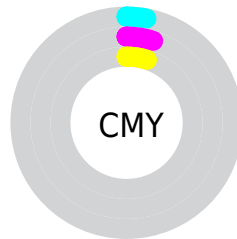
- Red (97%)
- Green (95%)
- Blue (95%)



- Red (97%)
- Yellow (95%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (3%)




- Cyan (3%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 2.182, 32.792 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 96, 2.182, 32.792 by changing the saturation by 10% instead.

 96, 2.182, 32.792	 96, 2.182, 32.792
 100, 2.182, 32.792	 86, 2.182, 32.792
	 76, 2.182, 32.792
	 66, 2.182, 32.792
	 56, 2.182, 32.792
	 46, 2.182, 32.792
	 36, 2.182, 32.792
	 26, 2.182, 32.792
	 16, 2.182, 32.792
	 6, 2.182, 32.792

96, 2.182, 32.792

96, 2.182, 32.792

90, 10.339, 33.200

100, 2.344,
199.539

84, 19.197, 33.473

79, 28.797, 33.907

74, 39.150, 34.566

69, 50.206, 35.505

64, 61.823, 36.765

60, 73.697, 38.331

57, 85.188, 40.023

54, 94.875, 41.287

Harmonies

Complementary

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



96, 2.182, 32.792



97, 2.145, 213.438

Rectangle

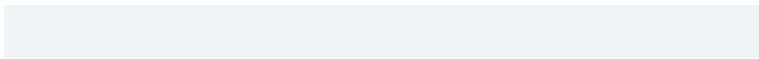
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



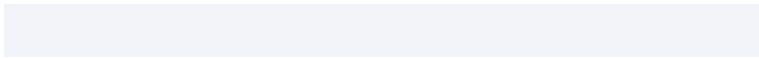
96, 2.182, 32.792



96, 2.182, 82.792



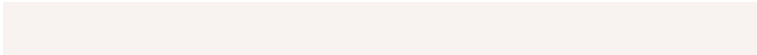
96, 2.182, 212.792



96, 2.182, 262.792

Sweetspot

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



96, 2.181, 32.856



99, 0.784, 32.300



96, 3.995, 328.388



53, 0.445, 32.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 2.181, 32.856



98, 2.373, 32.876



97, 2.421, 87.886



51, 1.775, 32.940



41, 80.858, 41.981



10, 29.559, 33.493

Inverse Universe

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



97, 2.145, 213.438



99, 2.331, 213.420



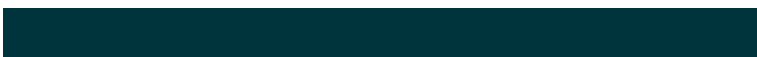
96, 2.436, 268.852



52, 1.734, 213.361



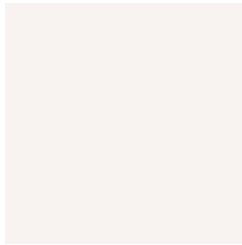
61, 34.804, 223.300



19, 15.851, 219.455

Previews

White Background



This preview shows how the CIE LCh color 96, 2.182, 32.792 looks on a white background.

Color Contrast Check

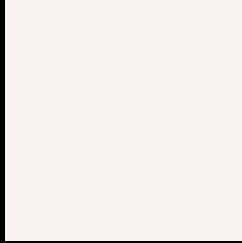
Large Text (above 18pt) WCAG AA × Fail

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 96, 2.182, 32.792 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

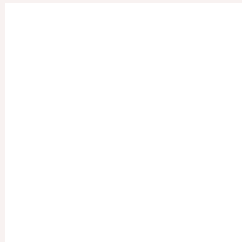
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 2.182, 32.792

Background



This preview shows how black text looks on a background with the CIELCh color 96, 2.182, 32.792.

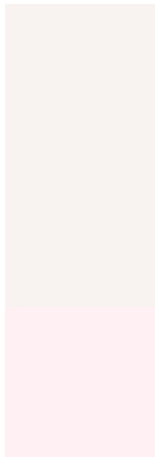


This preview shows how white text looks on a background with the CIELCh color 96, 2.182, 32.792.

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


96, 2.182, 32.792

Protanopia

96, 2.182, 32.792

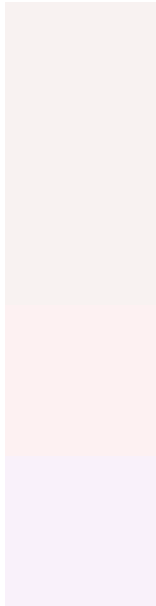
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 7.738, 311.734

Trichromacy



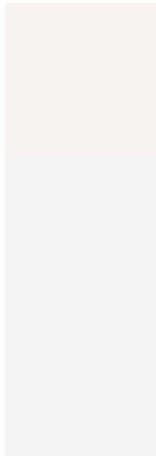
Original Color
96, 2.182, 32.792

Protanomaly
96, 2.182, 32.792

Deuteranomaly
96, 4.303, 12.732

Tritanomaly
96, 5.433, 321.524

Monochromacy



Original Color
96, 2.182, 32.792

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.060, 18.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 2.182, 32.792 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(248, 242, 241)` looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 241)  
}
```

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(248, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 2.182, 32.792 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(248, 242, 241) }
```

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

```
.border{ border-color:rgb(248, 242, 241) }
```

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

Here you see how a box with a 4 pixel rgb(248, 242, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 2.182, 32.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 241) }
```

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

```
.background{ background-color: rgb(248,  
242, 241) }
```

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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