

Converting Colors

CIELCh(96, 6.296, 108.050)

Have a look what the booklet for
CIELCh(96, 6.296, 108.050) contains.

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Color

CIELCh(96, 6.131, 106.335)

Conversions

Conversions Part 1

Format	Color
Hex	F5F4E8
RGB	245, 244, 232
RGB Percent	96%, 96%, 91%
CMY	0.0389, 0.0428, 0.0899
CMYK	0.00, 0.00, 0.05, 0.04
HSL	55°, 40%, 94%
HSV	55°, 5%, 96%
XYZ	84.6363, 90.0078, 89.3154
YIQ	242.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

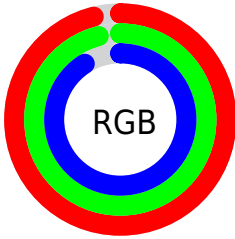
Format	Color
R_{YB}	233, 245, 232
Decimal	16119016
CIE Lab	96.00, -1.72, 5.88
CIE LCh	96, 6.131, 106.335
Yxy	90.0078, 0.3206, 0.3410
Android (android.graphics.Color)	4294309096 (0xFFFF5F4E8)
YUV	242.9310, -5.3890, 1.8145
Hunter-Lab	94.8724, -6.7859, 10.5935

Details

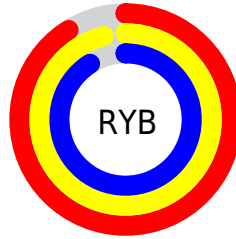
The CIELCh color **96, 6.131, 106.335** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 6.212, 287.492**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.439, 106.188** is the 20% darker color. If you saturate the color by 10%, you get **95, 17.709, 105.322**, and if you desaturate by 10%, it is **97, 4.634, 286.777**.

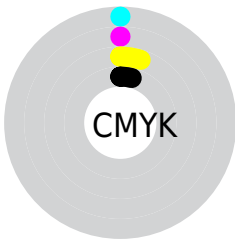
Distribution



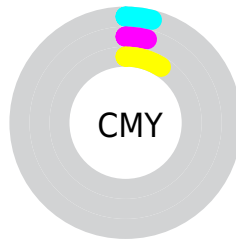
- Red (96%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.131, 106.335 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, 6.131, 106.335 by changing the saturation by 10% instead.

 96, 6.131, 106.335

 96, 6.131, 106.335


 100, 6.131,
106.335

 86, 6.131, 106.335

 76, 6.131, 106.335


 66, 6.131, 106.335


 56, 6.131, 106.335

 46, 6.131, 106.335

 36, 6.131, 106.335

 26, 6.131, 106.335

 16, 6.131, 106.335

 6, 6.131, 106.335

96, 6.131, 106.335

96, 6.131, 106.335

95, 17.709,
105.322

97, 4.634, 286.777

94, 29.223,
104.267

98, 3.772, 275.833

93, 40.578,
103.209

98, 3.119, 259.499

92, 51.615,
102.164

99, 2.992, 214.539

92, 62.075,
101.154

99, 3.429, 199.381

91, 71.560,
100.202

90, 79.502, 99.332

90, 85.229, 98.567

Harmonies

Complementary

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



96, 6.131, 106.335



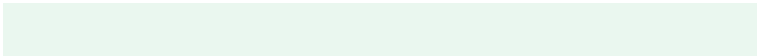
93, 6.212, 287.492

Rectangle

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



96, 6.131, 106.335



96, 6.131, 156.335



96, 6.131, 286.335



96, 6.131, 336.335

Sweetspot

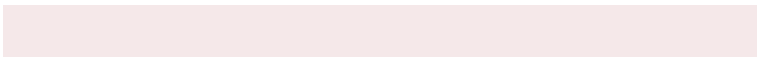
The Sweet Spot groups the original color and five complimentary colors.



96, 6.133, 106.351



100, 2.380, 106.660



93, 4.699, 12.793



53, 1.353, 106.668



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, 6.133, 106.351



99, 7.165, 106.281



96, 6.933, 125.867



51, 4.597, 106.217



69, 72.410, 97.715



22, 31.130, 98.789

Inverse Universe

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



93, 6.212, 287.492



95, 7.264, 287.568



93, 7.010, 306.349



48, 4.664, 287.637



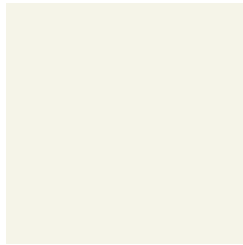
23, 102.101, 305.346



4, 37.780, 298.478

Previews

White Background



This preview shows how the CIELCh color 96, 6.131, 106.335 looks on a white background.

Color Contrast Check

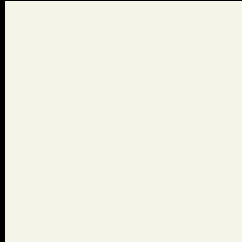
Large Text (above 18pt) WCAG AA × Fail

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, 6.131, 106.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

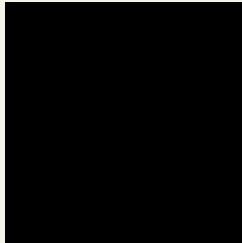
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

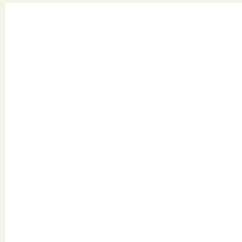
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.131, 106.335

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.131, 106.335.

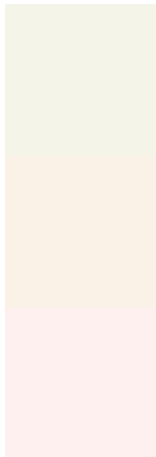


This preview shows how white text looks on a background with the CIELCh color 96, 6.131, 106.335.

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, 6.131, 106.335

Protanopia

96, 6.471, 79.565

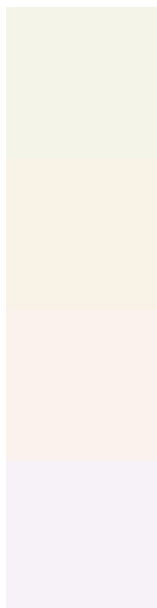
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 7.617, 309.293

Trichromacy



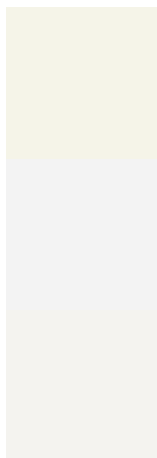
Original Color
96, 6.131, 106.335

Protanomaly
96, 6.480, 90.181

Deuteranomaly
96, 4.104, 49.308

Tritanomaly
96, 3.132, 324.457

Monochromacy



Original Color
96, 6.131, 106.335

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.063, 100.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.131, 106.335 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(245, 244, 232)` looks like.

```
.text, #text, p{  
    color:rgb(245, 244, 232)  
}
```

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(245, 244, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 244, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.131, 106.335 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(245, 244, 232) }
```

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

```
.border{ border-color:rgb(245, 244, 232) }
```

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

Here you see how a box with a 4 pixel rgb(245, 244, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 244, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 244, 232);  
box-shadow:4px 4px 4px 4px rgb(245, 244,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.131, 106.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 244, 232) }
```

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

```
.background{ background-color: rgb(245,  
244, 232) }
```

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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