

Converting Colors

CIELCh(96, 1.046, 172.735)

Have a look what the booklet for
CIELCh(96, 1.046, 172.735) contains.

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Color

CIELCh(96, 1.172, 174.041)

Conversions

Conversions Part 1

Format	Color
Hex	F1F4F3
RGB	241, 244, 243
RGB Percent	95%, 96%, 95%
CMY	0.0543, 0.0425, 0.0464
CMYK	0.01, 0.00, 0.00, 0.04
HSL	160°, 12%, 95%
HSV	160°, 1%, 96%
XYZ	84.9315, 90.0078, 97.8180
YIQ	242.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

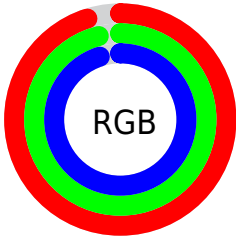
Format	Color
RYB	241, 243, 244
Decimal	15856883
CIELab	96.00, -1.17, 0.12
CIElCh	96, 1.172, 174.041
Yxy	90.0078, 0.3114, 0.3300
Android (android.graphics.Color)	4294046963 (0xFFFF1F4F3)
YUV	242.9890, 0.0054, -1.7444
Hunter-Lab	94.8724, -6.2304, 5.2799

Details

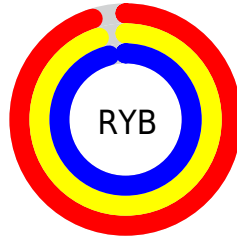
The CIELCh color **96, 1.172, 174.041** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 1.190, 353.290**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 1.232, 173.910** is the 20% darker color. If you saturate the color by 10%, you get **94, 10.720, 172.637**, and if you desaturate by 10%, it is **97, 5.310, 336.144**.

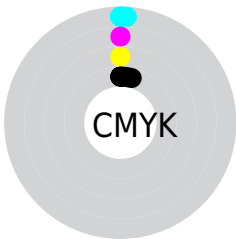
Distribution



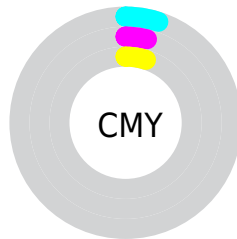
- Red (95%)
- Green (96%)
- Blue (95%)



- Red (95%)
- Yellow (95%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.172, 174.041 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, 1.172, 174.041 by changing the saturation by 10% instead.

96, 1.172, 174.041

96, 1.172, 174.041

100, 1.172,
174.041

86, 1.172, 174.041

76, 1.172, 174.041

66, 1.172, 174.041

56, 1.172, 174.041

46, 1.172, 174.041

36, 1.172, 174.041

26, 1.172, 174.041

16, 1.172, 174.041

6, 1.172, 174.041

96, 1.172, 174.041

96, 1.172, 174.041

94, 10.720,
172.637

97, 5.310, 336.144

97, 6.748, 324.631

92, 20.090,
171.605

91, 29.145,
170.498

90, 37.727,
169.286

88, 45.672,
167.942

88, 52.828,
166.441

87, 59.073,
164.759

86, 64.348,
162.873

■ 86, 68.673,
160.778

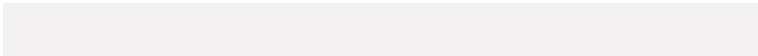
Harmonies

Complementary

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



96, 1.172, 174.041



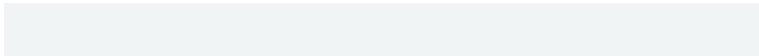
95, 1.190, 353.290

Rectangle

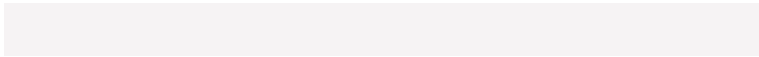
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



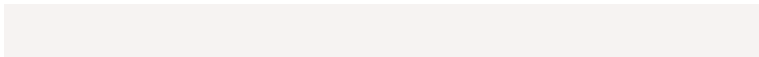
96, 1.172, 174.041



96, 1.172, 224.041



96, 1.172, 354.041



96, 1.172, 44.041

Sweetspot

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



96, 1.174, 173.980

100, 0.012, 296.813



96, 1.682, 134.194



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



96, 1.174, 173.980



100, 0.988, 174.106



96, 0.923, 214.543



51, 0.543, 174.143



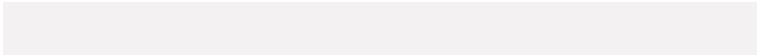
67, 58.206, 159.230



21, 24.487, 162.643

Inverse Universe

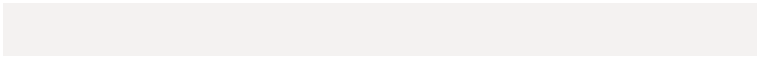
The Inverse Universe completely reimagines the original color for something new.



95, 1.190, 353.290



99, 1.003, 353.166



96, 0.927, 33.161



51, 0.551, 353.130



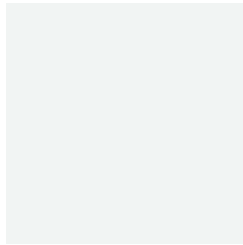
39, 68.211, 17.992



9, 29.625, 8.936

Previews

White Background



This preview shows how the CIE LCh color 96, 1.172, 174.041 looks on a white background.

Color Contrast Check

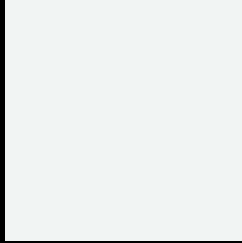
Large Text (above 18pt) WCAG AA × Fail

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, 1.172, 174.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

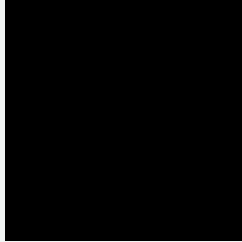
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

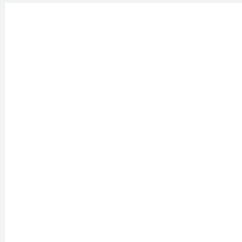
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.172, 174.041

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.172, 174.041.

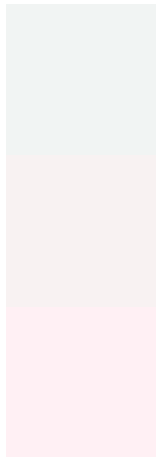


This preview shows how white text looks on a background with the CIELCh color 96, 1.172, 174.041.

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, 1.172, 174.041

Protanopia

96, 2.126, 19.247

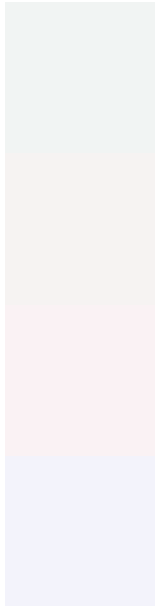
Deuteranopia

96, 5.723, 358.764



Tritanopia
96, 6.719, 296.596

Trichromacy



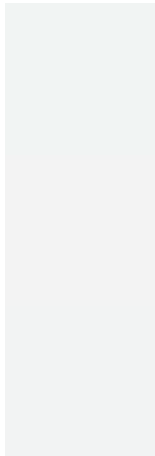
Original Color
96, 1.172, 174.041

Protanomaly
96, 1.168, 44.819

Deuteranomaly
96, 3.023, 359.621

Tritanomaly
96, 4.108, 290.511

Monochromacy



Original Color
96, 1.172, 174.041

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.350, 201.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.172, 174.041 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(241, 244, 243)` looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 243)  
}
```

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(241, 244, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 1.172, 174.041 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(241, 244, 243) }
```

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

```
.border{ border-color:rgb(241, 244, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 244, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 243);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 1.172, 174.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 244, 243) }
```

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

```
.background{ background-color: rgb(241,  
244, 243) }
```

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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