

Converting Colors

CIELCh(97, 26.432, 288.212)

Have a look what the booklet for
CIELCh(97, 26.432, 288.212)
contains.

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Color

CIELCh(96, 6.364, 275.016)

Conversions

Conversions Part 1

Format	Color
Hex	EFF4FF
RGB	239, 244, 255
RGB Percent	94%, 96%, 100%
CMY	0.0643, 0.0447, 0.0000
CMYK	0.06, 0.04, 0.00, 0.00
HSL	222°, 100%, 97%
HSV	222°, 6%, 100%
XYZ	85.8459, 90.0078, 107.9759
YIQ	243.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

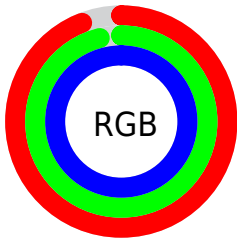
Format	Color
R _Y B	239, 243, 255
Decimal	15725823
CIE Lab	96.00, 0.56, -6.34
CIE LCh	96, 6.364, 275.016
Yxy	90.0078, 0.3025, 0.3171
Android (android.graphics.Color)	4293915903 (0xFFEFF4FF)
YUV	243.7590, 5.5418, -4.1736
Hunter-Lab	94.8724, -4.5100, -1.0683

Details

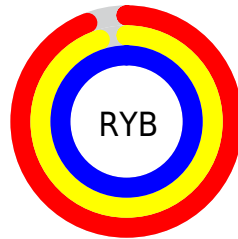
The CIELCh color **96, 6.364, 275.016** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 6.038, 92.463**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.645, 272.136** is the 20% darker color. If you saturate the color by 10%, you get **90, 15.620, 275.570**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

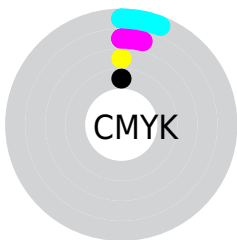
Distribution



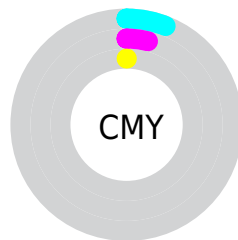
- Red (94%)
- Green (96%)
- Blue (100%)



- Red (94%)
- Yellow (95%)
- Blue (100%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.364, 275.016 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, 6.364, 275.016 by changing the saturation by 10% instead.

96, 6.364, 275.016

96, 6.364, 275.016

100, 6.364,
275.016

86, 6.364, 275.016

76, 6.364, 275.016

66, 6.364, 275.016

56, 6.364, 275.016

46, 6.364, 275.016

36, 6.364, 275.016

26, 6.364, 275.016

16, 6.364, 275.016

6, 6.364, 275.016

96, 6.364, 275.016

96, 6.364, 275.016

90, 15.620,
275.570

100, 0.012,
296.813

83, 25.371,
277.250

77, 35.326,
279.222

71, 45.510,
281.528

65, 55.959,
284.199

59, 66.714,
287.238

54, 77.786,
290.591

48, 89.086,
294.125

■ 44, 100.306,
297.616

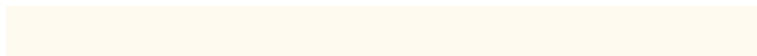
Harmonies

Complementary

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



96, 6.364, 275.016



98, 6.038, 92.463

Rectangle

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



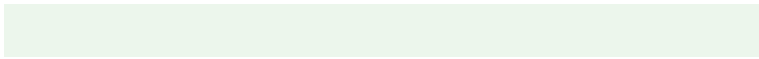
96, 6.364, 275.016



96, 6.364, 325.016



96, 6.364, 95.016



96, 6.364, 145.016

Sweetspot

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



96, 6.060, 274.155



99, 1.885, 273.681



99, 6.304, 174.313



53, 1.072, 273.676



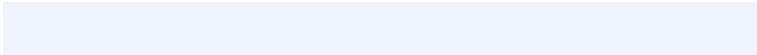
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 6.060, 274.155



95, 7.550, 274.358



95, 8.512, 297.817



50, 5.372, 274.561



31, 82.457, 298.169



8, 33.096, 293.255

Inverse Universe

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



96, 6.383, 356.105



95, 7.970, 356.278



99, 8.380, 116.902



50, 5.681, 356.442



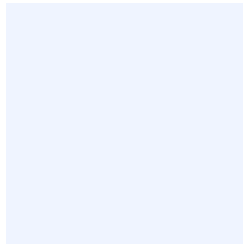
40, 70.503, 20.775



10, 31.439, 12.371

Previews

White Background



This preview shows how the CIELCh color 96, 6.364, 275.016 looks on a white background.

Color Contrast Check

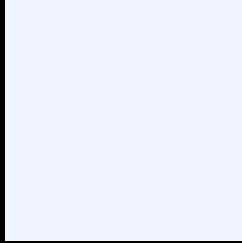
Large Text (above 18pt) WCAG AA × Fail

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 96, 6.364, 275.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

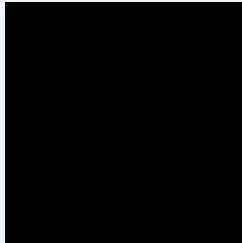
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

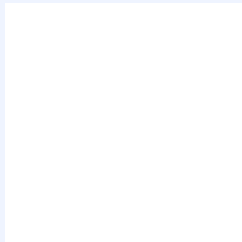
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.364, 275.016

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.364, 275.016.



This preview shows how white text looks on a background with the CIELCh color 96, 6.364, 275.016.

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, 5.869, 273.599

Protanopia

96, 6.210, 297.055

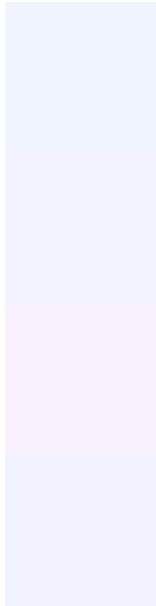
Deuteranopia

96, 8.758, 330.441



Tritanopia
96, 6.184, 284.270

Trichromacy



Original Color
96, 5.869, 273.599

Protanomaly
96, 5.650, 287.121

Deuteranomaly
96, 6.794, 314.836

Tritanomaly
96, 6.226, 281.124

Monochromacy



Original Color
96, 5.869, 273.599

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.164, 271.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.364, 275.016 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, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 244, 255)  
}
```

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, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.364, 275.016 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, 244, 255) }
```

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

```
.border{ border-color:rgb(239, 244, 255) }
```

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

Here you see how a box with a 4 pixel rgb(239, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.364, 275.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 244, 255) }
```

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

```
.background{ background-color: rgb(239,  
244, 255) }
```

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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