

Converting Colors

CIELCh(96, 6.561, 290.040)

Have a look what the booklet for
CIELCh(96, 6.561, 290.040) contains.

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Color

CIELCh(96, 6.161, 287.455)

Conversions

Conversions Part 1

Format	Color
Hex	F2F3FF
RGB	242, 243, 255
RGB Percent	95%, 95%, 100%
CMY	0.0519, 0.0479, 0.0009
CMYK	0.05, 0.05, 0.00, 0.00
HSL	235°, 97%, 97%
HSV	235°, 5%, 100%
XYZ	86.5359, 90.0078, 107.2268
YIQ	244.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

Format	Color
R_{YB}	242, 243, 255
Decimal	15922175
CIE _{Lab}	96.00, 1.85, -5.88
CIE _{LCh}	96, 6.161, 287.455
Yxy	90.0078, 0.3050, 0.3172
Android (android.graphics.Color)	4294112255 (0xFFFF2F3FF)
YUV	244.0690, 5.3890, -1.8145
Hunter-Lab	94.8724, -3.2117, -0.6001

Details

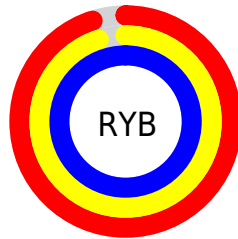
The CIELCh color `96, 6.161, 287.455` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 6.082, 106.340`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 5.932, 287.255` is the 20% darker color. If you saturate the color by 10%, you get `88, 18.552, 288.629`, and if you desaturate by 10%, it is `100, 0.104, 109.426`.

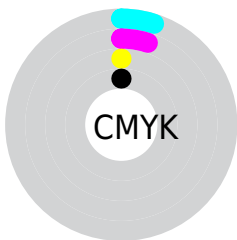
Distribution



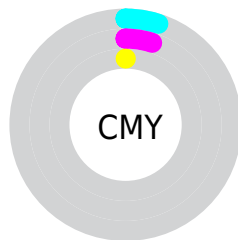
- Red (95%)
- Green (95%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.161, 287.455 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, 6.161, 287.455 by changing the saturation by 10% instead.

96, 6.161, 287.455

96, 6.161, 287.455

100, 6.161,
287.455

86, 6.161, 287.455

76, 6.161, 287.455

66, 6.161, 287.455

56, 6.161, 287.455

46, 6.161, 287.455

36, 6.161, 287.455

26, 6.161, 287.455

16, 6.161, 287.455

6, 6.161, 287.455

96, 6.161, 287.455

96, 6.161, 287.455

88, 18.552,
288.629

100, 0.104,
109.426

81, 31.431,
290.039

73, 44.837,
291.697

65, 58.802,
293.628

58, 73.308,
295.837

50, 88.197,
298.272

44, 102.963,
300.791

38, 116.470,
303.137

■ 35,126.885,
304.975

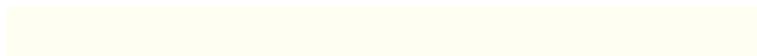
Harmonies

Complementary

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



96, 6.161, 287.455



99, 6.082, 106.340

Rectangle

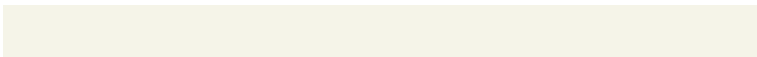
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



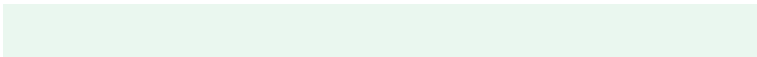
96, 6.161, 287.455



96, 6.161, 337.455



96, 6.161, 107.455



96, 6.161, 157.455

Sweetspot

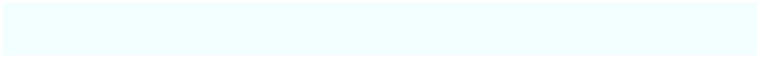
The Sweet Spot groups the original color and five complimentary colors.



96, 6.159, 287.442



98, 2.410, 287.137



99, 4.532, 192.269



53, 1.370, 287.129



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, 6.159, 287.442



95, 7.259, 287.539



96, 6.955, 306.338



50, 4.820, 287.611



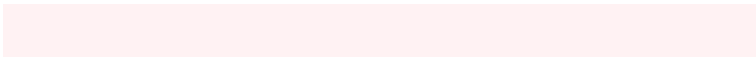
24, 104.236, 305.362



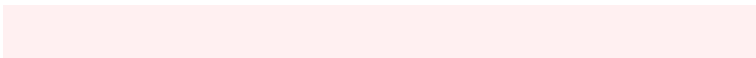
4, 41.674, 300.405

Inverse Universe

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



96, 4.656, 13.267



96, 5.496, 13.362



99, 6.880, 125.877



51, 3.654, 13.428



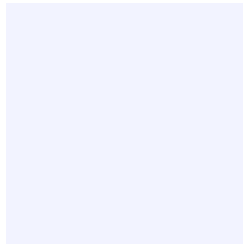
40, 81.018, 37.030



10, 32.761, 24.057

Previews

White Background



This preview shows how the CIE LCh color 96, 6.161, 287.455 looks on a white background.

Color Contrast Check

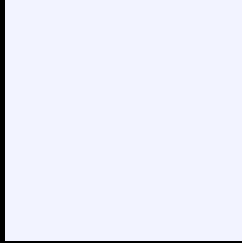
Large Text (above 18pt) WCAG AA × Fail

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, 6.161, 287.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

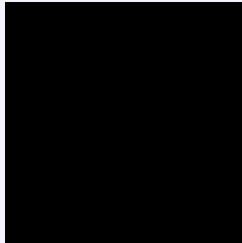
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 6.161, 287.455

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.161, 287.455.



This preview shows how white text looks on a background with the CIELCh color 96, 6.161, 287.455.

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, 6.161, 287.455

Protanopia

96, 6.210, 297.055

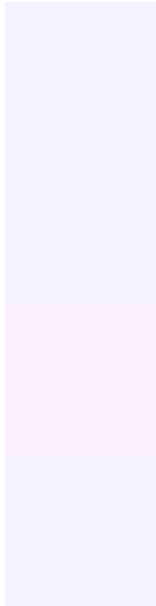
Deuteranopia

96, 8.758, 330.441



Tritanopia
96, 6.688, 293.655

Trichromacy



Original Color
96, 6.161, 287.455

Protanomaly
96, 6.176, 293.868

Deuteranomaly
96, 7.569, 318.074

Tritanomaly
96, 6.688, 293.655

Monochromacy



Original Color
96, 6.161, 287.455

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.082, 280.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.161, 287.455 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(242, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 243, 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(242, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 243, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.161, 287.455 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(242, 243, 255) }
```

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

```
.border{ border-color:rgb(242, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 243,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.161, 287.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 243, 255) }
```

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

```
.background{ background-color: rgb(242,  
243, 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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