

Converting Colors

CIELCh(96, 5.349, 217.008)

Have a look what the booklet for
CIELCh(96, 5.349, 217.008) contains.

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Color

CIELCh(96, 5.365, 215.888)

Conversions

Conversions Part 1

Format	Color
Hex	E7F6F9
RGB	231, 246, 249
RGB Percent	91%, 96%, 98%
CMY	0.0929, 0.0340, 0.0223
CMYK	0.07, 0.01, 0.00, 0.02
HSL	190°, 61%, 94%
HSV	190°, 7%, 98%
XYZ	83.2597, 90.0078, 102.8700
YIQ	241.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

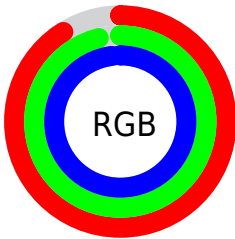
Format	Color
R _Y B	231, 239, 249
Decimal	15202041
CIE Lab	96.00, -4.35, -3.14
CIE LCh	96, 5.365, 215.888
Yxy	90.0078, 0.3015, 0.3260
Android (android.graphics.Color)	4293392121 (0xFFE7F6F9)
YUV	241.8570, 3.5215, -9.5216
Hunter-Lab	94.8724, -9.3758, 2.1227

Details

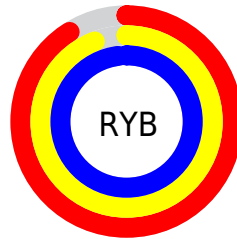
The CIELCh color **96, 5.365, 215.888** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 5.616, 35.518**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.600, 215.896** is the 20% darker color. If you saturate the color by 10%, you get **93, 12.445, 216.018**, and if you desaturate by 10%, it is **99, 1.688, 39.409**.

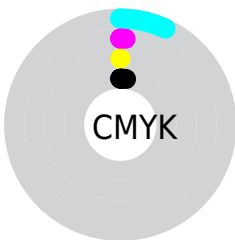
Distribution



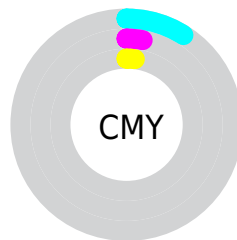
- Red (91%)
- Green (96%)
- Blue (98%)



- Red (91%)
- Yellow (94%)
- Blue (98%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (3%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.365, 215.888 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, 5.365, 215.888 by changing the saturation by 10% instead.

 96, 5.365, 215.888

 96, 5.365, 215.888

 100, 5.365,
215.888

 86, 5.365, 215.888

 76, 5.365, 215.888

 66, 5.365, 215.888

 56, 5.365, 215.888

 46, 5.365, 215.888

 36, 5.365, 215.888

 26, 5.365, 215.888

 16, 5.365, 215.888

 6, 5.365, 215.888

96, 5.365, 215.888

96, 5.365, 215.888

93, 12.445,
216.018

99, 1.688, 39.409

91, 19.019,
216.380

100, 2.681,
107.134

88, 24.969,
216.951

100, 2.868,
109.937

86, 30.175,
217.777

84, 34.527,
218.916

82, 37.943,
220.437

80, 40.392,
222.416

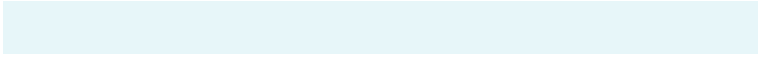
79, 41.919,
224.924

■ 78, 42.666,
227.998

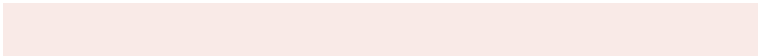
Harmonies

Complementary

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



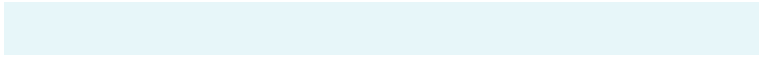
96, 5.365, 215.888



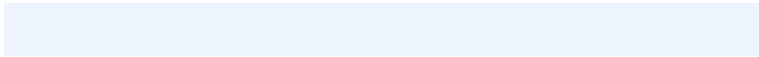
94, 5.616, 35.518

Rectangle

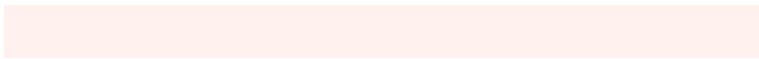
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 5.365, 215.888



96, 5.365, 265.888



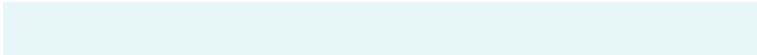
96, 5.365, 35.888



96, 5.365, 85.888

Sweetspot

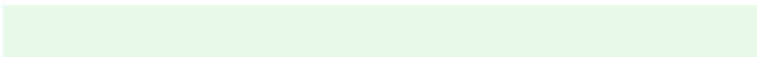
The Sweet Spot groups the original color and five complimentary colors.



96, 5.366, 215.864



99, 1.534, 216.107



96, 10.142, 148.426



53, 0.872, 216.128



0, 0.000, 0.000



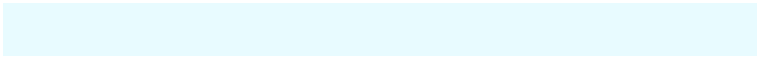
53, 0.007, 296.813

Same Dimension

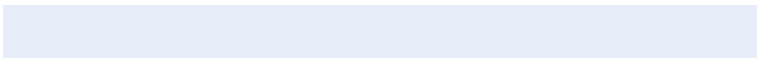
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.366, 215.864



97, 6.780, 215.870



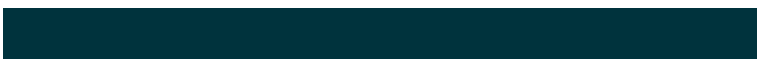
94, 6.372, 270.758



51, 4.207, 215.874



60, 34.722, 228.287



19, 15.739, 223.735

Inverse Universe

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



94, 10.052, 329.788



94, 12.774, 329.905



96, 6.374, 88.818



49, 7.939, 329.937



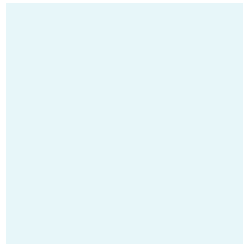
43, 80.917, 336.197



11, 37.204, 335.029

Previews

White Background



This preview shows how the CIELCh color 96, 5.365, 215.888 looks on a white background.

Color Contrast Check

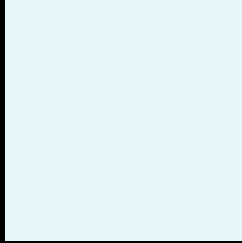
Large Text (above 18pt) WCAG AA × Fail

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, 5.365, 215.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

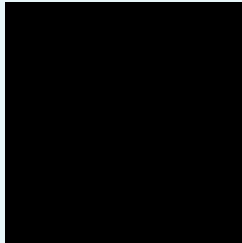
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

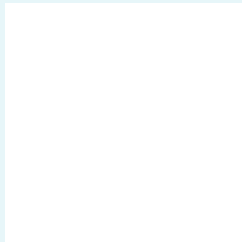
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.365, 215.888

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.365, 215.888.



This preview shows how white text looks on a background with the CIELCh color 96, 5.365, 215.888.

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](#).

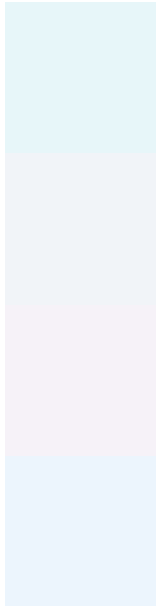
Dichromacy





Tritanopia
96, 5.971, 270.445

Trichromacy



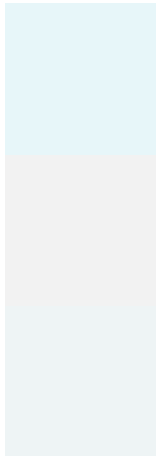
Original Color
96, 5.365, 215.888

Protanomaly
96, 2.293, 263.257

Deuteranomaly
96, 3.405, 314.710

Tritanomaly
96, 5.094, 253.094

Monochromacy



Original Color
96, 5.365, 215.888

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.151, 213.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.365, 215.888 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(231, 246, 249)` looks like.

```
.text, #text, p{  
    color:rgb(231, 246, 249)  
}
```

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(231, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 246, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.365, 215.888 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(231, 246, 249) }
```

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

```
.border{ border-color:rgb(231, 246, 249) }
```

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

Here you see how a box with a 4 pixel rgb(231, 246, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(231, 246,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.365, 215.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 246, 249) }
```

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

```
.background{ background-color: rgb(231,  
246, 249) }
```

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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