

Converting Colors

CIELCh(96, 3.435, 221.758)

Have a look what the booklet for
CIELCh(96, 3.435, 221.758) contains.

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Color

CIELCh(96, 3.458, 225.832)

Conversions

Conversions Part 1

Format	Color
Hex	ECF5F8
RGB	236, 245, 248
RGB Percent	93%, 96%, 97%
CMY	0.0741, 0.0388, 0.0270
CMYK	0.05, 0.01, 0.00, 0.03
HSL	195°, 47%, 95%
HSV	195°, 5%, 97%
XYZ	84.2752, 90.0078, 101.8285
YIQ	242.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

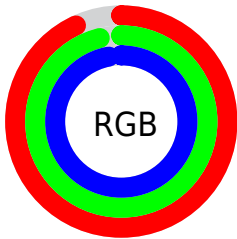
Format	Color
R _Y B	236, 241, 248
Decimal	15529464
CIE Lab	96.00, -2.41, -2.48
CIE LCh	96, 3.458, 225.832
Yxy	90.0078, 0.3052, 0.3260
Android (android.graphics.Color)	4293719544 (0xFFECEF5F8)
YUV	242.6510, 2.6371, -5.8329
Hunter-Lab	94.8724, -7.4652, 2.7736

Details

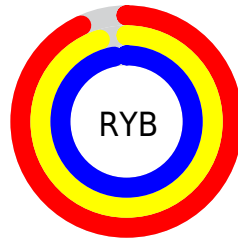
The CIELCh color **96, 3.458, 225.832** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 3.551, 44.992**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 3.617, 225.866** is the 20% darker color. If you saturate the color by 10%, you get **93, 10.354, 226.290**, and if you desaturate by 10%, it is **99, 2.063, 70.922**.

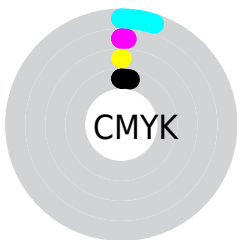
Distribution



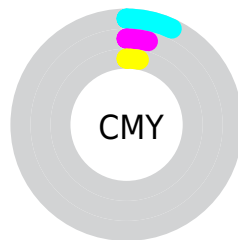
- Red (93%)
- Green (96%)
- Blue (97%)



- Red (93%)
- Yellow (95%)
- Blue (97%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (4%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 3.458, 225.832 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, 3.458, 225.832 by changing the saturation by 10% instead.

 96, 3.458, 225.832

 96, 3.458, 225.832

 100, 3.458,
225.832

 86, 3.458, 225.832

 76, 3.458, 225.832

 66, 3.458, 225.832

 56, 3.458, 225.832

 46, 3.458, 225.832

 36, 3.458, 225.832

 26, 3.458, 225.832

 16, 3.458, 225.832

 6, 3.458, 225.832

96, 3.458, 225.832

96, 3.458, 225.832

93, 10.354,
226.290

99, 2.063, 70.922

90, 16.841,
227.093

100, 3.482,
109.896

87, 22.823,
228.172

84, 28.198,
229.591

81, 32.875,
231.428

78, 36.789,
233.776

76, 39.923,
236.730

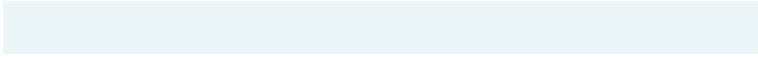
74, 42.335,
240.366

■ 72, 44.176,
244.705

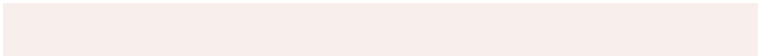
Harmonies

Complementary

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



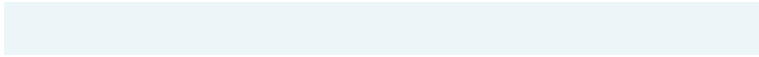
96, 3.458, 225.832



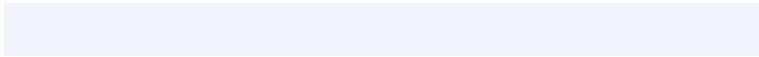
95, 3.551, 44.992

Rectangle

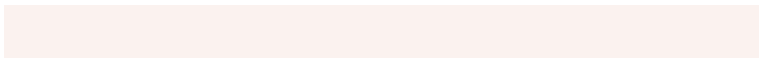
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 3.458, 225.832



96, 3.458, 275.832



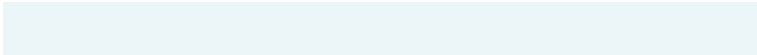
96, 3.458, 45.832



96, 3.458, 95.832

Sweetspot

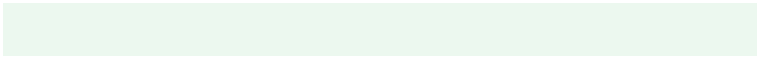
The Sweet Spot groups the original color and five complimentary colors.



96, 3.458, 225.792



100, 0.740, 226.277



97, 6.358, 151.465



53, 0.421, 226.319



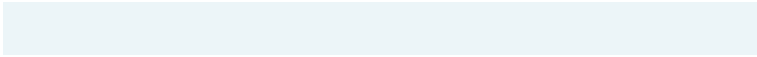
0, 0.000, 0.000



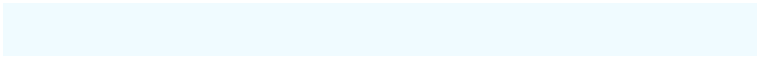
53, 0.007, 296.813

Same Dimension

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



96, 3.458, 225.792



98, 4.375, 225.821



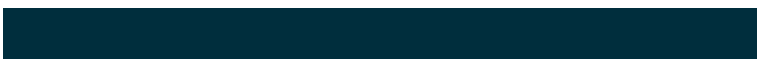
95, 4.647, 276.735



51, 2.850, 225.842



55, 36.485, 246.255



17, 16.033, 239.589

Inverse Universe

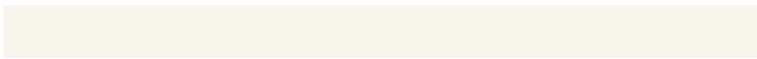
The Inverse Universe completely reimagines the original color for something new.



95, 6.309, 332.581



96, 8.009, 332.670



97, 4.617, 95.470



50, 5.228, 332.717



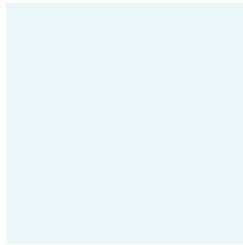
42, 76.114, 341.362



11, 35.221, 339.307

Previews

White Background



This preview shows how the CIELCh color 96, 3.458, 225.832 looks on a white background.

Color Contrast Check

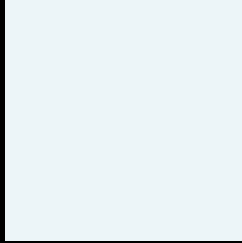
Large Text (above 18pt) WCAG AA × Fail

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, 3.458, 225.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

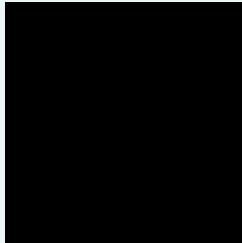
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

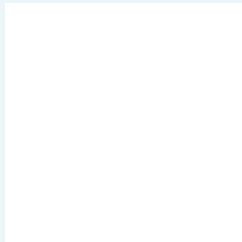
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 3.458, 225.832

Background



This preview shows how black text looks on a background with the CIELCh color 96, 3.458, 225.832.

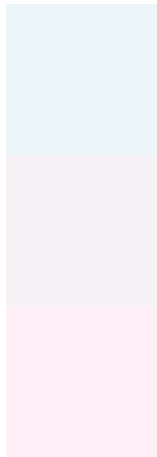


This preview shows how white text looks on a background with the CIELCh color 96, 3.458, 225.832.

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

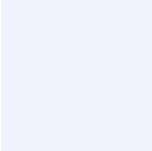
96, 3.458, 225.832

Protanopia

96, 2.725, 330.522

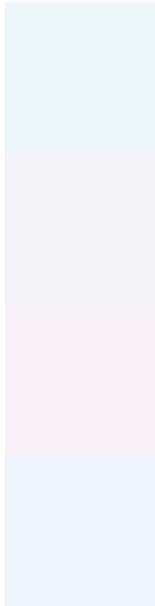
Deuteranopia

96, 7.016, 344.104



Tritanopia
96, 6.226, 281.124

Trichromacy



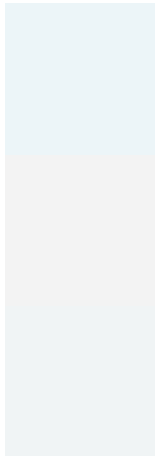
Original Color
96, 3.458, 225.832

Protanomaly
96, 2.059, 290.372

Deuteranomaly
96, 3.969, 328.693

Tritanomaly
96, 4.427, 267.548

Monochromacy



Original Color
96, 3.458, 225.832

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.486, 219.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 3.458, 225.832 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(236, 245, 248)` looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 248)  
}
```

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(236, 245, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 3.458, 225.832 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(236, 245, 248) }
```

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

```
.border{ border-color:rgb(236, 245, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 248);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 3.458, 225.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 248) }
```

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

```
.background{ background-color: rgb(236,  
245, 248) }
```

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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