

Converting Colors

CIELCh(95, 2.980, 238.842)

Have a look what the booklet for
CIELCh(95, 2.980, 238.842) contains.

CIELCh(95, 2.865, 232.050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 2.865, 232.050)

Conversions

Conversions Part 1

Format	Color
Hex	EBF2F5
RGB	235, 242, 245
RGB Percent	92%, 95%, 96%
CMY	0.0791, 0.0516, 0.0399
CMYK	0.04, 0.01, 0.00, 0.04
HSL	198°, 33%, 94%
HSV	198°, 4%, 96%
XYZ	82.3620, 87.6183, 98.8201
YIQ	240.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

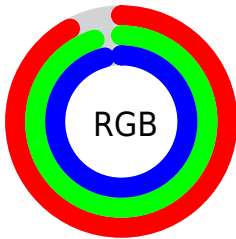
Format	Color
R _{YB}	235, 239, 245
Decimal	15463157
CIE Lab	95.00, -1.76, -2.26
CIE LCh	95, 2.865, 232.050
Yxy	87.6183, 0.3064, 0.3260
Android (android.graphics.Color)	4293653237 (0xFFEBF2F5)
YUV	240.2490, 2.3422, -4.6034
Hunter-Lab	93.6047, -6.7475, 2.9298

Details

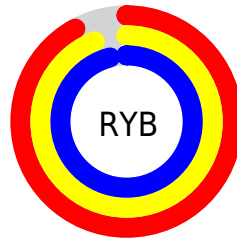
The CIELCh color **95, 2.865, 232.050** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 2.920, 51.039**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 3.001, 232.091** is the 20% darker color. If you saturate the color by 10%, you get **91, 9.670, 232.700**, and if you desaturate by 10%, it is **98, 3.003, 66.495**.

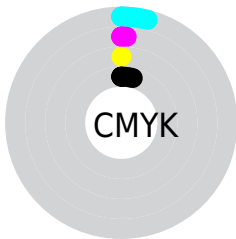
Distribution



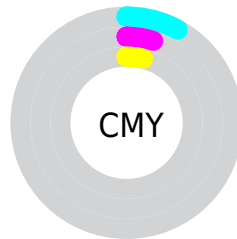
- Red (92%)
- Green (95%)
- Blue (96%)



- Red (92%)
- Yellow (94%)
- Blue (96%)



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



- Cyan (8%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.865, 232.050 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 95, 2.865, 232.050 by changing the saturation by 10% instead.

95, 2.865, 232.050

95, 2.865, 232.050

100, 2.865,
232.050

85, 2.865, 232.050

75, 2.865, 232.050

65, 2.865, 232.050

55, 2.865, 232.050

45, 2.865, 232.050

35, 2.865, 232.050

25, 2.865, 232.050

15, 2.865, 232.050

5, 2.865, 232.050

95, 2.865, 232.050

95, 2.865, 232.050

91, 9.670, 232.700

98, 3.003, 66.495

88, 16.129,
233.752

100, 5.146,
109.778

85, 22.158,
235.113

81, 27.673,
236.848

78, 32.600,
239.042

75, 36.889,
241.789

73, 40.542,
245.177

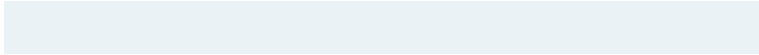
70, 43.632,
249.262

■ 68, 46.320,
254.023

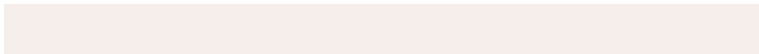
Harmonies

Complementary

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



95, 2.865, 232.050



94, 2.920, 51.039

Rectangle

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



95, 2.865, 232.050



95, 2.865, 282.050



95, 2.865, 52.050



95, 2.865, 102.050

Sweetspot

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



95, 2.865, 232.001



100, 0.733, 232.403



96, 5.116, 153.422



53, 0.417, 232.442



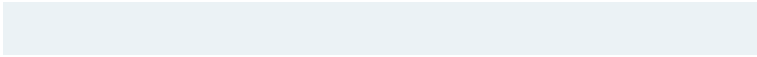
0, 0.000, 0.000



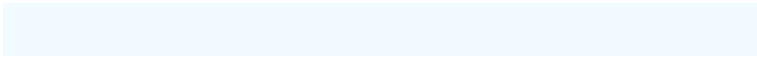
53, 0.007, 296.813

Same Dimension

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



95, 2.865, 232.001



98, 3.619, 232.033



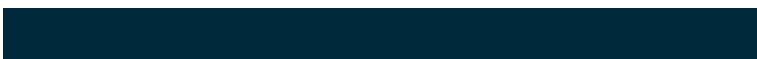
94, 4.098, 279.908



50, 2.384, 232.066



51, 38.641, 256.074



15, 16.248, 248.329

Inverse Universe

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



94, 5.081, 334.471



97, 6.435, 334.549



96, 4.063, 98.869



49, 4.248, 334.603



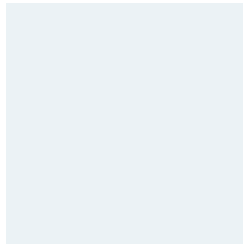
41, 72.879, 344.868



10, 33.266, 342.048

Previews

White Background



This preview shows how the CIELCh color 95, 2.865, 232.050 looks on a white background.

Color Contrast Check

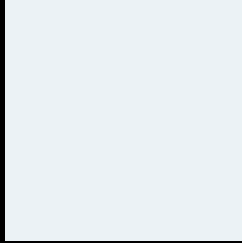
Large Text (above 18pt) WCAG AA × Fail

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 95, 2.865, 232.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

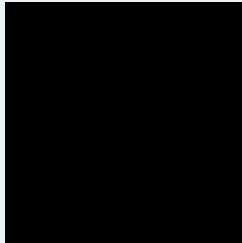
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

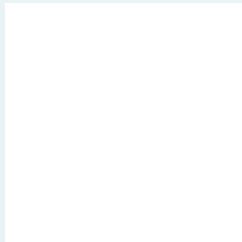
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.865, 232.050

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.865, 232.050.

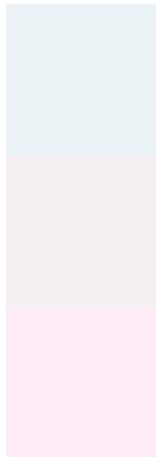


This preview shows how white text looks on a background with the CIELCh color 95, 2.865, 232.050.

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


95, 2.865, 232.050

Protanopia

95, 2.731, 330.525

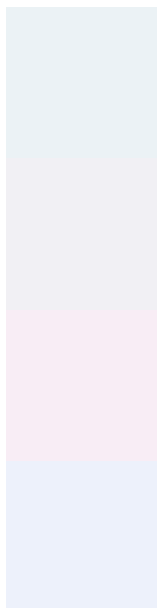
Deuteranopia

95, 8.787, 344.253



Tritanopia
95, 7.731, 285.690

Trichromacy



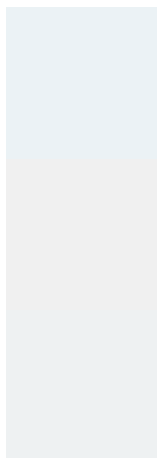
Original Color
95, 2.865, 232.050

Protanomaly
95, 2.099, 299.994

Deuteranomaly
95, 5.688, 333.433

Tritanomaly
95, 5.301, 275.487

Monochromacy



Original Color
95, 2.865, 232.050

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.168, 226.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.865, 232.050 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(235, 242, 245)` looks like.

```
.text, #text, p{  
    color:rgb(235, 242, 245)  
}
```

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(235, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.865, 232.050 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(235, 242, 245) }
```

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

```
.border{ border-color:rgb(235, 242, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 242, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.865, 232.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 245) }
```

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

```
.background{ background-color: rgb(235,  
242, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor