

Converting Colors

CIELCh(95, 3.358, 225.873)

Have a look what the booklet for
CIELCh(95, 3.358, 225.873) contains.

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Color

CIELCh(95, 3.466, 225.833)

Conversions

Conversions Part 1

Format	Color
Hex	E9F2F5
RGB	233, 242, 245
RGB Percent	91%, 95%, 96%
CMY	0.0853, 0.0500, 0.0383
CMYK	0.05, 0.01, 0.00, 0.04
HSL	195°, 38%, 94%
HSV	195°, 5%, 96%
XYZ	82.0239, 87.6183, 99.1680
YIQ	239.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

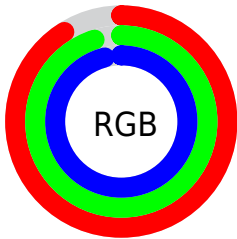
Format	Color
R _Y B	233, 238, 245
Decimal	15332085
CIE Lab	95.00, -2.41, -2.49
CIE LCh	95, 3.466, 225.833
Yxy	87.6183, 0.3051, 0.3259
Android (android.graphics.Color)	4293522165 (0xFFE9F2F5)
YUV	239.6510, 2.6371, -5.8329
Hunter-Lab	93.6047, -7.3921, 2.7094

Details

The CIELCh color `95, 3.466, 225.833` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 3.561, 44.992`, 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, 3.627, 225.869` is the 20% darker color. If you saturate the color by 10%, you get `92, 10.295, 226.294`, and if you desaturate by 10%, it is `98, 2.820, 53.595`.

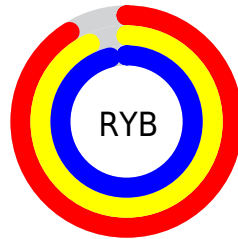
Distribution



Red (91%)

Green (95%)

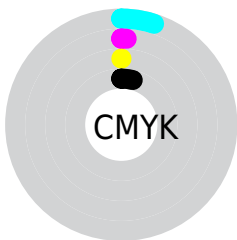
Blue (96%)



Red (91%)

Yellow (93%)

Blue (96%)

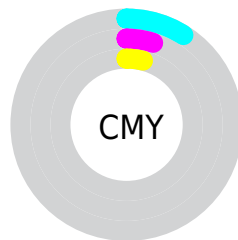


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (5%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 3.466, 225.833 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, 3.466, 225.833 by changing the saturation by 10% instead.

 95, 3.466, 225.833

 95, 3.466, 225.833

 100, 3.466,
225.833

 85, 3.466, 225.833

 75, 3.466, 225.833

 65, 3.466, 225.833

 55, 3.466, 225.833

 45, 3.466, 225.833

 35, 3.466, 225.833

 25, 3.466, 225.833

 15, 3.466, 225.833

 5, 3.466, 225.833

95, 3.466, 225.833

95, 3.466, 225.833

92, 10.295,
226.294

98, 2.820, 53.595

89, 16.720,
227.097

100, 4.682,
107.609

86, 22.643,
228.178

100, 4.937,
109.793

83, 27.966,
229.596

80, 32.597,
231.433

78, 36.472,
233.781

75, 39.576,
236.734

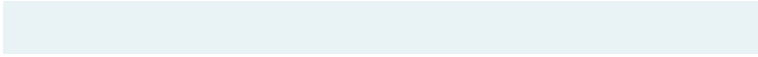
73, 41.965,
240.369

■ 71, 43.789,
244.705

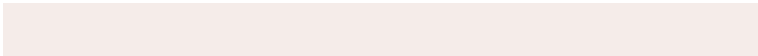
Harmonies

Complementary

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



95, 3.466, 225.833



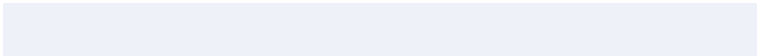
94, 3.561, 44.992

Rectangle

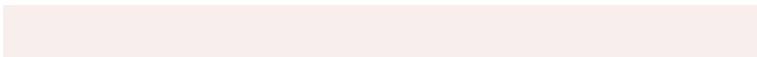
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 3.466, 225.833



95, 3.466, 275.833



95, 3.466, 45.833



95, 3.466, 95.833

Sweetspot

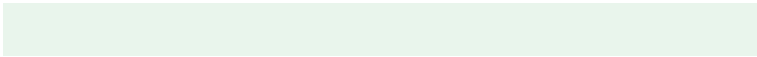
The Sweet Spot groups the original color and five complimentary colors.



95, 3.466, 225.793



100, 0.740, 226.277



96, 6.374, 151.461



53, 0.421, 226.319



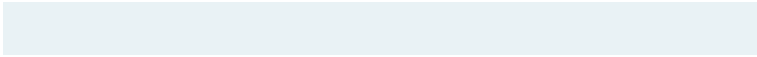
0, 0.000, 0.000



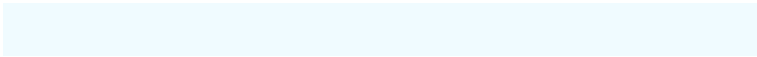
53, 0.007, 296.813

Same Dimension

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



95, 3.466, 225.793



98, 4.375, 225.821



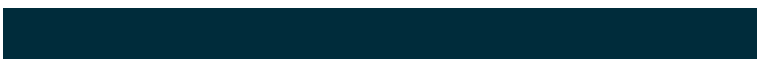
94, 4.659, 276.742



50, 2.802, 225.842



54, 36.108, 246.206



16, 15.577, 239.211

Inverse Universe

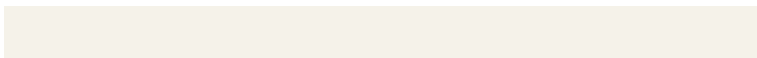
The Inverse Universe completely reimagines the original color for something new.



94, 6.325, 332.586



96, 8.009, 332.670



96, 4.629, 95.464



49, 5.140, 332.716



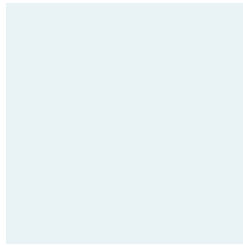
42, 75.359, 341.346



10, 34.306, 339.196

Previews

White Background



This preview shows how the CIELCh color 95, 3.466, 225.833 looks on a white background.

Color Contrast Check

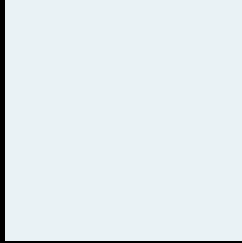
Large Text (above 18pt) WCAG AA × Fail

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, 3.466, 225.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

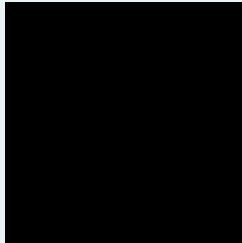
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

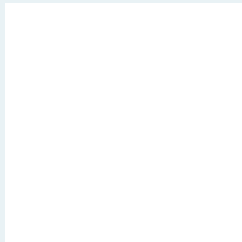
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.466, 225.833

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.466, 225.833.

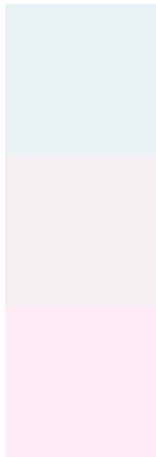


This preview shows how white text looks on a background with the CIELCh color 95, 3.466, 225.833.

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](#).

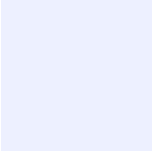
Dichromacy



Original Color
95, 3.466, 225.833

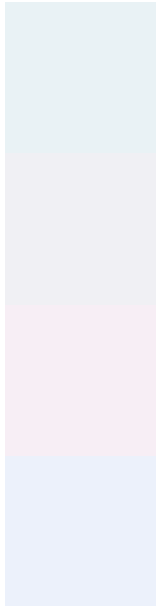
Protanopia
95, 2.731, 330.525

Deuteranopia
95, 8.787, 344.253



Tritanopia
95, 7.763, 283.171

Trichromacy



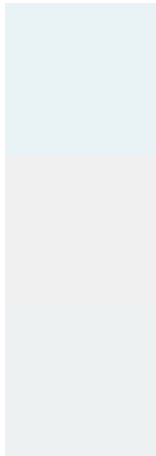
Original Color
95, 3.466, 225.833

Protanomaly
95, 2.064, 290.373

Deuteranomaly
95, 4.827, 331.471

Tritanomaly
95, 5.395, 271.944

Monochromacy



Original Color
95, 3.466, 225.833

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, 3.466, 225.833 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(233, 242, 245)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 242, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.466, 225.833 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(233, 242, 245) }
```

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

```
.border{ border-color:rgb(233, 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(233, 242, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(233, 242,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.466, 225.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 242, 245) }
```

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

```
.background{ background-color: rgb(233,  
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](#).

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