

Converting Colors

CIE LCh(95, 4.014, 256.192)

Have a look what the booklet for
CIELCh(95, 4.014, 256.192) contains.

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Color

CIELCh(95, 4.128, 260.240)

Conversions

Conversions Part 1

Format	Color
Hex	EBF1F8
RGB	235, 241, 248
RGB Percent	92%, 95%, 97%
CMY	0.0772, 0.0536, 0.0262
CMYK	0.05, 0.03, 0.00, 0.03
HSL	212°, 49%, 95%
HSV	212°, 5%, 97%
XYZ	82.9137, 87.6183, 101.6157
YIQ	240.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

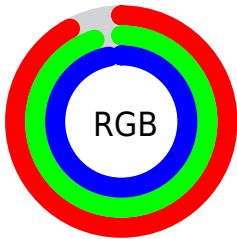
Format	Color
R _Y B	235, 239, 248
Decimal	15462904
CIE Lab	95.00, -0.70, -4.07
CIE LCh	95, 4.128, 260.240
Yxy	87.6183, 0.3047, 0.3220
Android (android.graphics.Color)	4293652984 (0xFFEBF1F8)
YUV	240.0040, 3.9420, -4.3885
Hunter-Lab	93.6047, -5.6953, 1.1590

Details

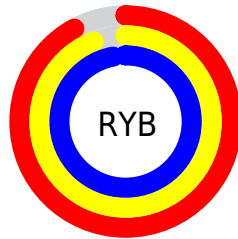
The CIELCh color `95, 4.128, 260.240` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 4.152, 78.686`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 4.329, 260.415` is the 20% darker color. If you saturate the color by 10%, you get `90, 11.977, 261.616`, and if you desaturate by 10%, it is `100, 3.218, 108.001`.

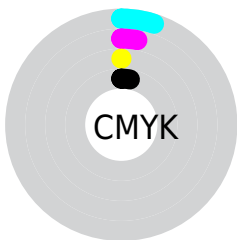
Distribution



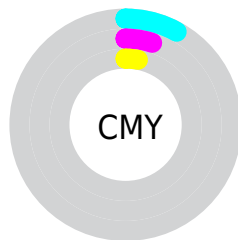
- Red (92%)
- Green (95%)
- Blue (97%)



- Red (92%)
- Yellow (94%)
- Blue (97%)



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



- Cyan (8%)
- Magenta (5%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.128, 260.240 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, 4.128, 260.240 by changing the saturation by 10% instead.

 95, 4.128, 260.240

 95, 4.128, 260.240

 100, 4.128,
260.240

 85, 4.128, 260.240

 75, 4.128, 260.240

 65, 4.128, 260.240

 55, 4.128, 260.240

 45, 4.128, 260.240

 35, 4.128, 260.240

 25, 4.128, 260.240

 15, 4.128, 260.240

 5, 4.128, 260.240

95, 4.128, 260.240

95, 4.128, 260.240

90, 11.977,
261.616

100, 3.218,
108.001

85, 19.791,
263.338

100, 3.372,
109.903

80, 27.549,
265.389

75, 35.239,
267.822

70, 42.868,
270.690

65, 50.471,
274.026

61, 58.115,
277.825

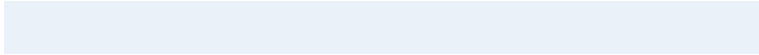
56, 65.893,
282.006

■ 52, 73.886,
286.398

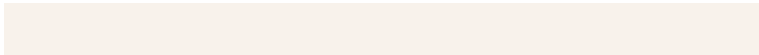
Harmonies

Complementary

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



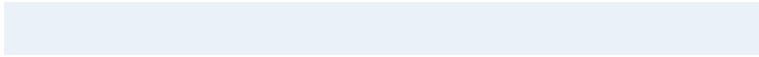
95, 4.128, 260.240



96, 4.152, 78.686

Rectangle

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



95, 4.128, 260.240



95, 4.128, 310.240



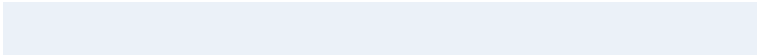
95, 4.128, 80.240



95, 4.128, 130.240

Sweetspot

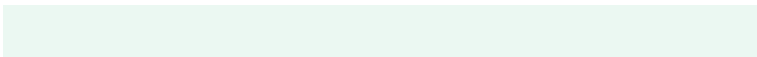
The Sweet Spot groups the original color and five complimentary colors.



95, 4.127, 260.210



99, 1.616, 259.939



97, 5.542, 165.130



53, 0.919, 259.939



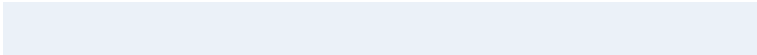
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 4.127, 260.210



97, 4.830, 260.303



94, 6.715, 291.995



50, 3.150, 260.383



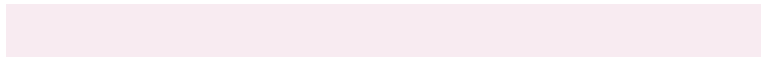
39, 62.190, 287.662



10, 24.577, 281.079

Inverse Universe

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



94, 5.579, 346.120



96, 6.538, 346.199



97, 6.619, 111.004



50, 4.269, 346.263



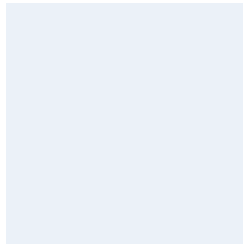
40, 67.330, 5.740



10, 30.757, 359.278

Previews

White Background



This preview shows how the CIELCh color 95, 4.128, 260.240 looks on a white background.

Color Contrast Check

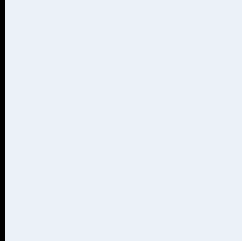
Large Text (above 18pt) WCAG AA × Fail

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, 4.128, 260.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

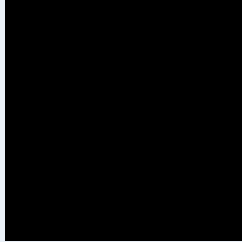
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

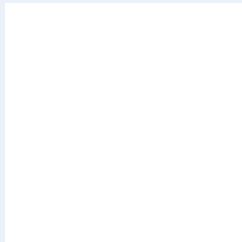
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.128, 260.240

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.128, 260.240.

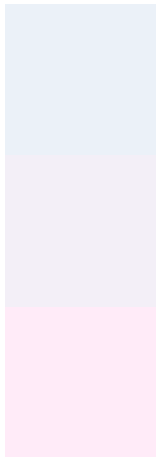


This preview shows how white text looks on a background with the CIELCh color 95, 4.128, 260.240.

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, 4.128, 260.240

Protanopia

95, 4.368, 309.179

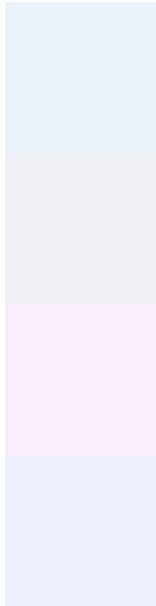
Deuteranopia

95, 9.757, 336.903



Tritanopia
95, 7.731, 285.690

Trichromacy



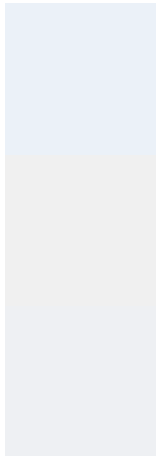
Original Color
95, 4.128, 260.240

Protanomaly
95, 3.604, 290.477

Deuteranomaly
95, 6.888, 324.643

Tritanomaly
95, 6.747, 281.907

Monochromacy



Original Color
95, 4.128, 260.240

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.692, 265.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.128, 260.240 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, 241, 248)` looks like.

```
.text, #text, p{  
    color:rgb(235, 241, 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(235, 241, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 241, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.128, 260.240 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, 241, 248) }
```

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

```
.border{ border-color:rgb(235, 241, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 241, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 241, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 241, 248);  
box-shadow:4px 4px 4px 4px rgb(235, 241,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.128, 260.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 241, 248) }
```

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

```
.background{ background-color: rgb(235,  
241, 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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