

Converting Colors

CIELCh(95, 2.780, 260.267)

Have a look what the booklet for
CIELCh(95, 2.780, 260.267) contains.

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Color

CIELCh(95, 2.908, 261.784)

Conversions

Conversions Part 1

Format	Color
Hex	EDF1F6
RGB	237, 241, 246
RGB Percent	93%, 95%, 96%
CMY	0.0703, 0.0546, 0.0351
CMYK	0.04, 0.02, 0.00, 0.04
HSL	213°, 33%, 95%
HSV	213°, 4%, 96%
XYZ	83.0618, 87.6183, 99.7707
YIQ	240.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

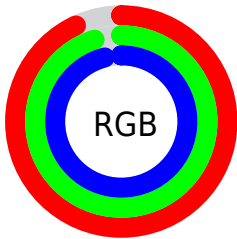
Format	Color
R _Y B	237, 240, 246
Decimal	15593974
CIE Lab	95.00, -0.42, -2.88
CIE LCh	95, 2.908, 261.784
Yxy	87.6183, 0.3071, 0.3240
Android (android.graphics.Color)	4293784054 (0xFFEDF1F6)
YUV	240.3740, 2.7736, -2.9590
Hunter-Lab	93.6047, -5.4130, 2.3276

Details

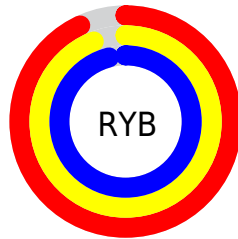
The CIELCh color $95, 2.908, 261.784$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $96, 2.907, 80.553$, and the grayscale version is $95, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $75, 3.051, 261.890$ is the 20% darker color. If you saturate the color by 10%, you get $90, 10.834, 263.082$, and if you desaturate by 10%, it is $100, 4.383, 108.560$.

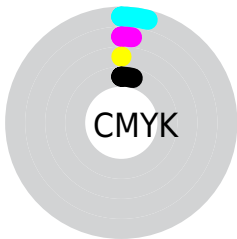
Distribution



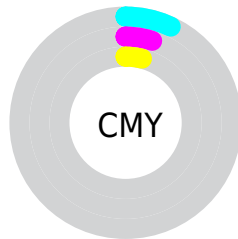
- Red (93%)
- Green (95%)
- Blue (96%)



- Red (93%)
- Yellow (94%)
- Blue (96%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.908, 261.784 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, 2.908, 261.784 by changing the saturation by 10% instead.

95, 2.908, 261.784

95, 2.908, 261.784

100, 2.908,
261.784

85, 2.908, 261.784

75, 2.908, 261.784

65, 2.908, 261.784

55, 2.908, 261.784

45, 2.908, 261.784

35, 2.908, 261.784

25, 2.908, 261.784

15, 2.908, 261.784

5, 2.908, 261.784

95, 2.908, 261.784

95, 2.908, 261.784

90, 10.834,
263.082

100, 4.383,
108.560

85, 18.752,
264.759

100, 4.522,
109.823

80, 26.645,
266.752

74, 34.503,
269.112

69, 42.335,
271.889

65, 50.172,
275.121

60, 58.077,
278.803

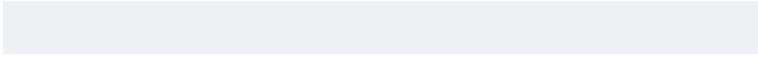
56, 66.131,
282.865

■ 52, 74.404,
287.149

Harmonies

Complementary

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



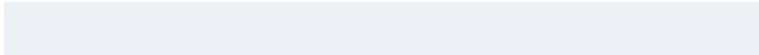
95, 2.908, 261.784



96, 2.907, 80.553

Rectangle

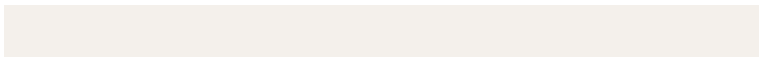
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 2.908, 261.784



95, 2.908, 311.784



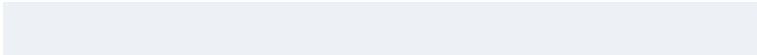
95, 2.908, 81.784



95, 2.908, 131.784

Sweetspot

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



95, 2.907, 261.741



99, 0.825, 261.739



96, 3.795, 166.254



53, 0.469, 261.757



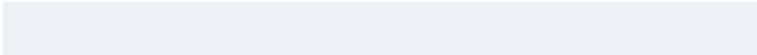
0, 0.000, 0.000



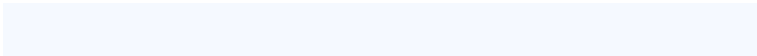
53, 0.007, 296.813

Same Dimension

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



95, 2.907, 261.741



98, 3.272, 261.776



94, 4.646, 292.488



50, 2.248, 261.856



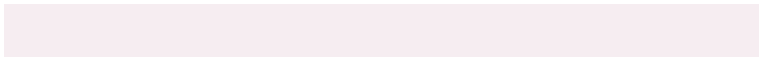
37, 63.536, 289.041



9, 24.445, 282.243

Inverse Universe

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



95, 3.817, 346.917



97, 4.299, 346.959



97, 4.588, 111.812



50, 2.958, 347.042



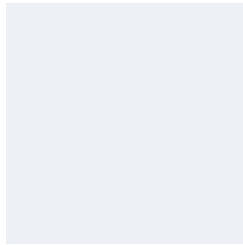
40, 66.649, 7.335



9, 29.845, 0.299

Previews

White Background



This preview shows how the CIE LCh color 95, 2.908, 261.784 looks on a white background.

Color Contrast Check

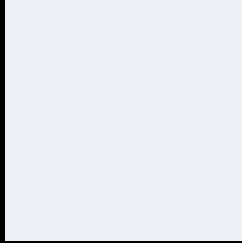
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 2.908, 261.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

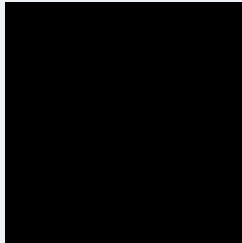
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

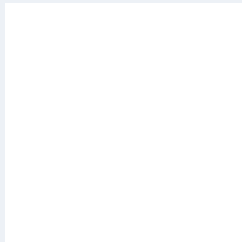
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.908, 261.784

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.908, 261.784.

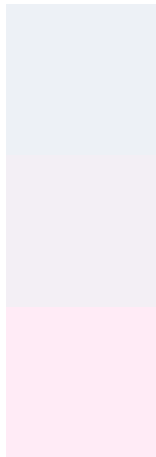


This preview shows how white text looks on a background with the CIELCh color 95, 2.908, 261.784.

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, 2.908, 261.784

Protanopia

95, 3.413, 314.712

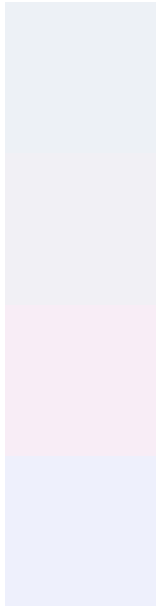
Deuteranopia

95, 9.093, 341.628



Tritanopia
95, 8.231, 290.823

Trichromacy



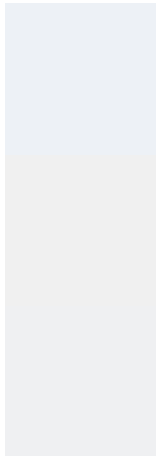
Original Color
95, 2.908, 261.784

Protanomaly
95, 2.606, 298.127

Deuteranomaly
95, 6.070, 330.115

Tritanomaly
95, 6.199, 284.277

Monochromacy



Original Color
95, 2.908, 261.784

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.090, 271.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.908, 261.784 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(237, 241, 246)` looks like.

```
.text, #text, p{  
    color:rgb(237, 241, 246)  
}
```

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(237, 241, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 241, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.908, 261.784 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(237, 241, 246) }
```

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

```
.border{ border-color:rgb(237, 241, 246) }
```

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

Here you see how a box with a 4 pixel rgb(237, 241, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 241, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 241, 246);  
box-shadow:4px 4px 4px 4px rgb(237, 241,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.908, 261.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 241, 246) }
```

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

```
.background{ background-color: rgb(237,  
241, 246) }
```

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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