

Converting Colors

CIELCh(95, 0.748, 255.936)

Have a look what the booklet for
CIELCh(95, 0.748, 255.936) contains.

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Color

CIELCh(95, 0.626, 256.196)

Conversions

Conversions Part 1

Format	Color
Hex	F0F1F2
RGB	240, 241, 242
RGB Percent	94%, 95%, 95%
CMY	0.0599, 0.0560, 0.0521
CMYK	0.01, 0.00, 0.00, 0.05
HSL	210°, 7%, 94%
HSV	210°, 1%, 95%
XYZ	83.2006, 87.6183, 96.3135
YIQ	240.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

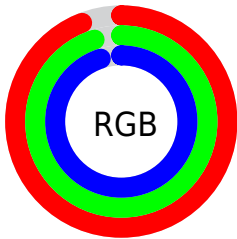
Format	Color
R _Y B	240, 241, 242
Decimal	15790578
CIE Lab	95.00, -0.15, -0.61
CIE LCh	95, 0.626, 256.196
Yxy	87.6183, 0.3115, 0.3280
Android (android.graphics.Color)	4293980658 (0xFFFF0F1F2)
YUV	240.8150, 0.5842, -0.7148
Hunter-Lab	93.6047, -5.1482, 4.5175

Details

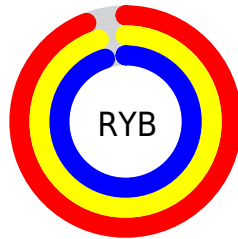
The CIELCh color `95, 0.626, 256.196` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 0.610, 74.402`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 0.656, 256.077` is the 20% darker color. If you saturate the color by 10%, you get `90, 8.050, 256.685`, and if you desaturate by 10%, it is `99, 5.644, 101.642`.

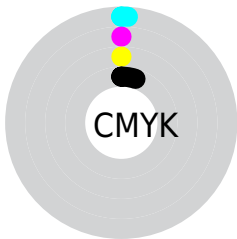
Distribution



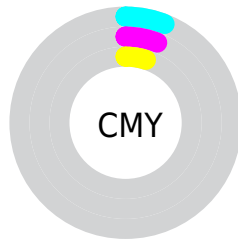
- Red (94%)
- Green (95%)
- Blue (95%)



- Red (94%)
- Yellow (95%)
- Blue (95%)



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



- Cyan (6%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 0.626, 256.196 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, 0.626, 256.196 by changing the saturation by 10% instead.

95, 0.626, 256.196

95, 0.626, 256.196

100, 0.626,
256.196

85, 0.626, 256.196

75, 0.626, 256.196

65, 0.626, 256.196

55, 0.626, 256.196

45, 0.626, 256.196

35, 0.626, 256.196

25, 0.626, 256.196

15, 0.626, 256.196

5, 0.626, 256.196

95, 0.626, 256.196

95, 0.626, 256.196

90, 8.050, 256.685

99, 5.644, 101.642

85, 15.397,
258.243

100, 6.719,
109.664

81, 22.634,
260.120

76, 29.735,
262.365

72, 36.689,
265.040

67, 43.504,
268.196

63, 50.229,
271.860

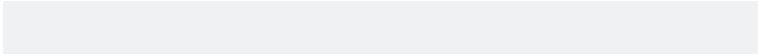
59, 56.948,
276.000

■ 55, 63.779,
280.500

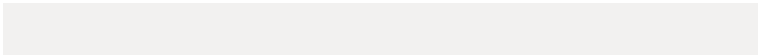
Harmonies

Complementary

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



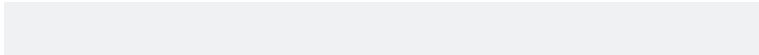
95, 0.626, 256.196



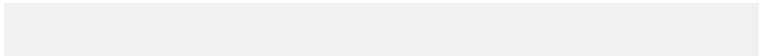
95, 0.610, 74.402

Rectangle

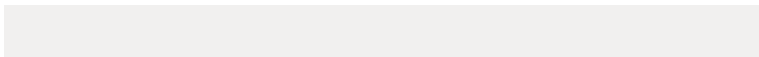
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



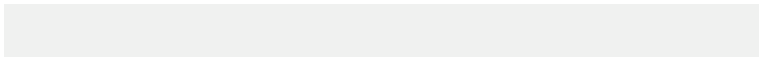
95, 0.626, 256.196



95, 0.626, 306.196



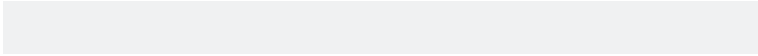
95, 0.626, 76.196



95, 0.626, 126.196

Sweetspot

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



95, 0.625, 255.979

100, 0.012, 296.813



95, 0.879, 163.222



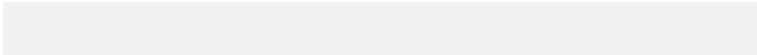
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

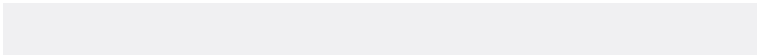
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 0.625, 255.979



99, 0.787, 255.883



95, 1.020, 289.671



50, 0.426, 255.909



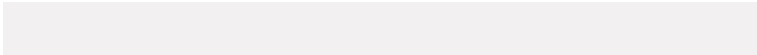
40, 56.176, 283.849



10, 21.302, 276.118

Inverse Universe

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



95, 0.887, 343.083



99, 1.118, 343.190



95, 0.996, 109.348



50, 0.604, 343.160



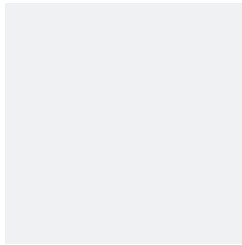
39, 66.241, 1.786



8, 29.463, 355.407

Previews

White Background



This preview shows how the CIE LCh color 95, 0.626, 256.196 looks on a white background.

Color Contrast Check

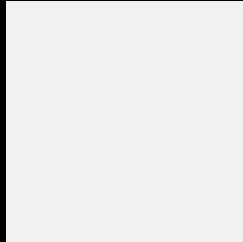
Large Text (above 18pt) WCAG AA × Fail

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, 0.626, 256.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

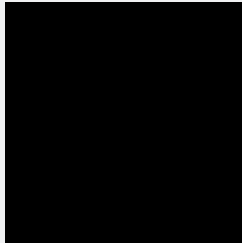
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

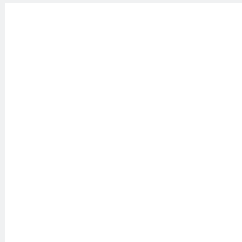
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 0.626, 256.196

Background



This preview shows how black text looks on a background with the CIELCh color 95, 0.626, 256.196.

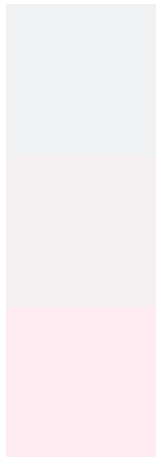


This preview shows how white text looks on a background with the CIELCh color 95, 0.626, 256.196.

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, 0.626, 256.196

Protanopia

95, 2.061, 349.347

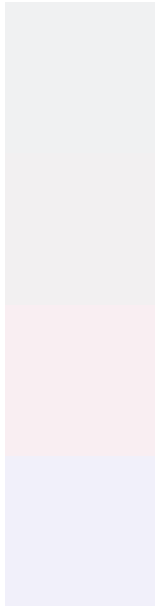
Deuteranopia

95, 7.455, 355.504



Tritanopia
95, 8.309, 297.962

Trichromacy



Original Color

95, 0.626, 256.196

Protanomaly

95, 0.886, 343.190

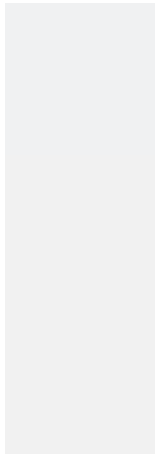
Deuteranomaly

95, 4.429, 351.986

Tritanomaly

95, 5.161, 294.446

Monochromacy



Original Color

95, 0.626, 256.196

Achromatopsia

95, 0.011, 296.813

Achromatomaly

95, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 0.626, 256.196 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(240, 241, 242)` looks like.

```
.text, #text, p{  
    color:rgb(240, 241, 242)  
}
```

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(240, 241, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 241, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 0.626, 256.196 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(240, 241, 242) }
```

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

```
.border{ border-color:rgb(240, 241, 242) }
```

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

Here you see how a box with a 4 pixel rgb(240, 241, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 241, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 241, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 241,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 0.626, 256.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 241, 242) }
```

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

```
.background{ background-color: rgb(240,  
241, 242) }
```

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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