

Converting Colors

CIELCh(95, 6.249, 240.413)

Have a look what the booklet for
CIELCh(95, 6.249, 240.413) contains.

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Color

CIELCh(95, 6.253, 240.416)

Conversions

Conversions Part 1

Format	Color
Hex	E5F3FB
RGB	229, 243, 251
RGB Percent	90%, 95%, 98%
CMY	0.1025, 0.0475, 0.0162
CMYK	0.09, 0.03, 0.00, 0.02
HSL	202°, 73%, 94%
HSV	202°, 9%, 98%
XYZ	81.6770, 87.6183, 103.7669
YIQ	239.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

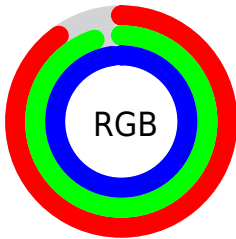
Format	Color
R_{YB}	229, 238, 251
Decimal	15070203
CIE _{Lab}	95.00, -3.09, -5.44
CIE _{LCh}	95, 6.253, 240.416
Yxy	87.6183, 0.2991, 0.3209
Android (android.graphics.Color)	4293260283 (0xFFE5F3FB)
YUV	239.7260, 5.5581, -9.4067
Hunter-Lab	93.6047, -8.0538, -0.2036

Details

The CIELCh color `95, 6.253, 240.416` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 6.505, 58.549`, 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, 6.531, 240.662` is the 20% darker color. If you saturate the color by 10%, you get `91, 13.146, 241.569`, and if you desaturate by 10%, it is `99, 0.884, 58.686`.

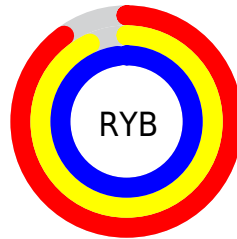
Distribution



Red (90%)

Green (95%)

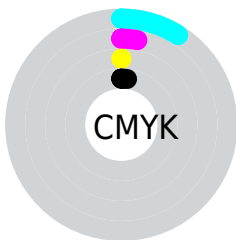
Blue (98%)



Red (90%)

Yellow (93%)

Blue (98%)

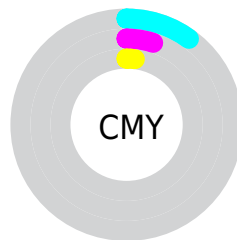


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (5%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.253, 240.416 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, 6.253, 240.416 by changing the saturation by 10% instead.

 95, 6.253, 240.416

 95, 6.253, 240.416

 100, 6.253,
240.416

 85, 6.253, 240.416

 75, 6.253, 240.416

 65, 6.253, 240.416

 55, 6.253, 240.416

 45, 6.253, 240.416

 35, 6.253, 240.416

 25, 6.253, 240.416

 15, 6.253, 240.416

 5, 6.253, 240.416

95, 6.253, 240.416

95, 6.253, 240.416

91, 13.146,
241.569

99, 0.884, 58.686

87, 19.731,
243.063

100, 2.082,
109.985

83, 25.939,
244.922

80, 31.710,
247.224

76, 37.003,
250.052

73, 41.817,
253.486

69, 46.210,
257.570

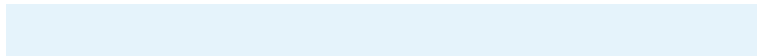
66, 50.316,
262.276

■ 64, 54.351,
267.422

Harmonies

Complementary

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



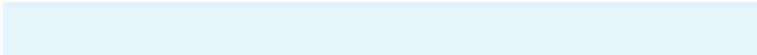
95, 6.253, 240.416



95, 6.505, 58.549

Rectangle

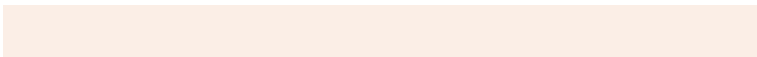
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 6.253, 240.416



95, 6.253, 290.416



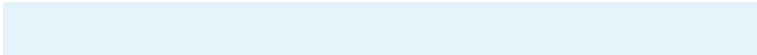
95, 6.253, 60.416



95, 6.253, 110.416

Sweetspot

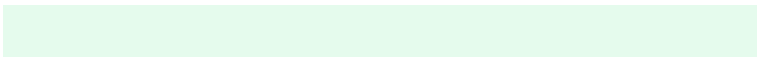
The Sweet Spot groups the original color and five complimentary colors.



95, 6.253, 240.395



99, 2.191, 239.967



97, 10.706, 155.772



52, 1.658, 239.992



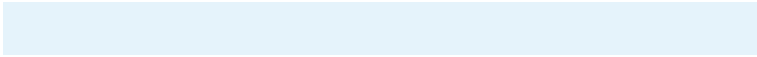
0, 0.000, 0.000



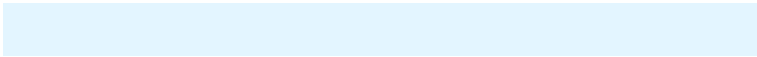
53, 0.007, 296.813

Same Dimension

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



95, 6.253, 240.395



95, 7.918, 240.629



92, 9.716, 284.277



50, 4.036, 240.469



48, 43.754, 267.067



14, 18.203, 259.425

Inverse Universe

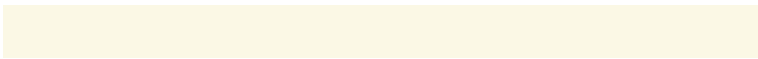
The Inverse Universe completely reimagines the original color for something new.



93, 10.671, 337.574



93, 13.591, 337.753



97, 9.581, 102.274



49, 6.900, 337.632



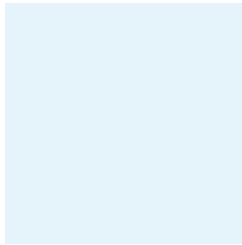
41, 70.914, 349.870



10, 32.930, 346.245

Previews

White Background



This preview shows how the CIE LCh color 95, 6.253, 240.416 looks on a white background.

Color Contrast Check

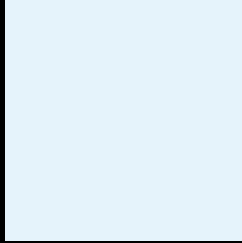
Large Text (above 18pt) WCAG AA × Fail

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, 6.253, 240.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

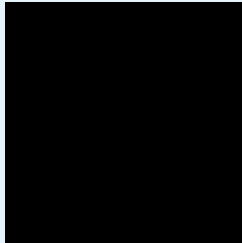
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

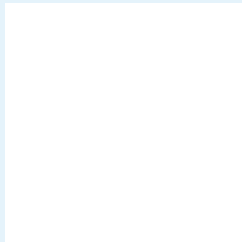
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.253, 240.416

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.253, 240.416.



This preview shows how white text looks on a background with the CIELCh color 95, 6.253, 240.416.

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

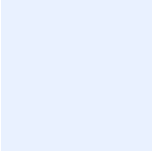
95, 6.253, 240.416

Protanopia

95, 5.267, 302.023

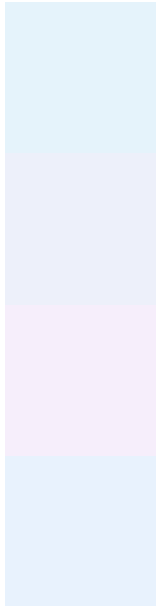
Deuteranopia

95, 10.862, 330.985



Tritanopia
95, 7.647, 269.812

Trichromacy



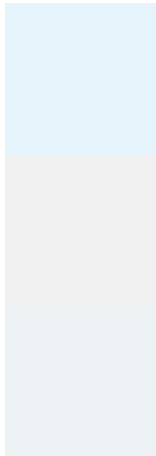
Original Color
95, 6.253, 240.416

Protanomaly
95, 5.232, 279.152

Deuteranomaly
95, 7.280, 313.184

Tritanomaly
95, 6.551, 259.113

Monochromacy



Original Color
95, 6.253, 240.416

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.315, 241.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.253, 240.416 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(229, 243, 251)` looks like.

```
.text, #text, p{  
    color:rgb(229, 243, 251)  
}
```

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(229, 243, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 243, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.253, 240.416 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(229, 243, 251) }
```

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

```
.border{ border-color:rgb(229, 243, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 243, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 243, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 243, 251);  
box-shadow:4px 4px 4px 4px rgb(229, 243,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.253, 240.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 243, 251) }
```

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

```
.background{ background-color: rgb(229,  
243, 251) }
```

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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