

Converting Colors

CIELCh(95, 7.525, 239.654)

Have a look what the booklet for
CIELCh(95, 7.525, 239.654) contains.

CIELCh(95, 7.653, 241.468)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 7.653, 241.468)

Conversions

Conversions Part 1

Format	Color
Hex	E2F3FD
RGB	226, 243, 253
RGB Percent	89%, 95%, 99%
CMY	0.1125, 0.0458, 0.0066
CMYK	0.11, 0.04, 0.00, 0.01
HSL	202°, 89%, 94%
HSV	202°, 11%, 99%
XYZ	81.3843, 87.6183, 105.8138
YIQ	239.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

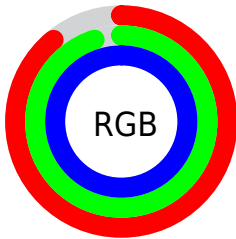
Format	Color
R_{YB}	226, 236, 253
Decimal	14873597
CIE _{Lab}	95.00, -3.66, -6.72
CIE _{LCh}	95, 7.653, 241.468
Y _{xy}	87.6183, 0.2961, 0.3188
Android (android.graphics.Color)	4293063677 (0xFFE2F3FD)
YUV	239.0570, 6.8739, -11.4510
Hunter-Lab	93.6047, -8.6118, -1.5001

Details

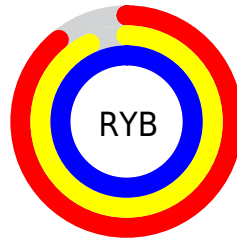
The CIELCh color `95, 7.653, 241.468` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 8.031, 59.206`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.388, 240.360` is the 20% darker color. If you saturate the color by 10%, you get `91, 14.569, 242.713`, and if you desaturate by 10%, it is `99, 0.487, 241.462`.

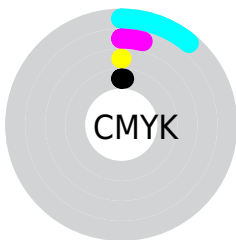
Distribution



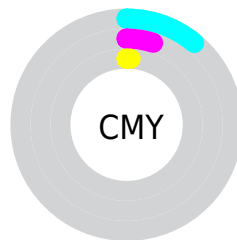
- Red (89%)
- Green (95%)
- Blue (99%)



- Red (89%)
- Yellow (93%)
- Blue (99%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.653, 241.468 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, 7.653, 241.468 by changing the saturation by 10% instead.

95, 7.653, 241.468

95, 7.653, 241.468

100, 7.653,
241.468

85, 7.653, 241.468

75, 7.653, 241.468

65, 7.653, 241.468

55, 7.653, 241.468

45, 7.653, 241.468

35, 7.653, 241.468

25, 7.653, 241.468

15, 7.653, 241.468

5, 7.653, 241.468

95, 7.653, 241.468

95, 7.653, 241.468

91, 14.569,
242.713

99, 0.487, 241.462

87, 21.170,
244.299

100, 0.843,
110.023

83, 27.392,
246.266

79, 33.178,
248.692

76, 38.495,
251.662

72, 43.354,
255.247

69, 47.832,
259.478

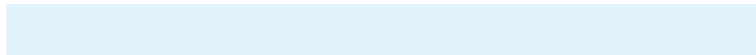
66, 52.078,
264.301

■ 63, 56.045,
269.113

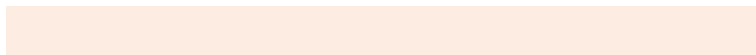
Harmonies

Complementary

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



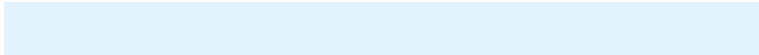
95, 7.653, 241.468



95, 8.031, 59.206

Rectangle

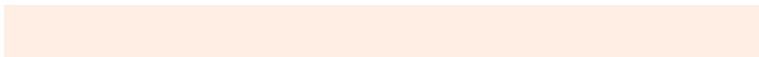
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.653, 241.468



95, 7.653, 291.468



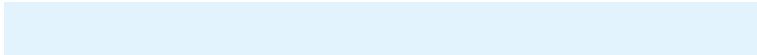
95, 7.653, 61.468



95, 7.653, 111.468

Sweetspot

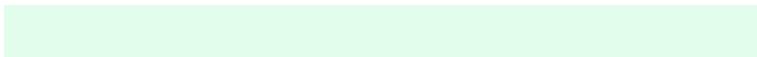
The Sweet Spot groups the original color and five complimentary colors.



95, 7.653, 241.451



99, 2.194, 240.806



97, 12.970, 156.337



52, 1.660, 240.834



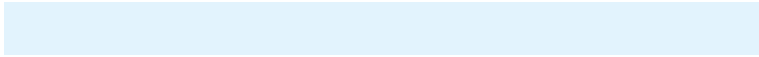
0, 0.000, 0.000



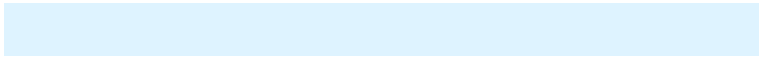
53, 0.007, 296.813

Same Dimension

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



95, 7.653, 241.451



95, 9.345, 241.719



92, 12.164, 285.378



51, 4.111, 241.327



49, 44.810, 268.163



15, 18.968, 260.898

Inverse Universe

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



93, 13.036, 338.032



92, 16.012, 338.221



98, 11.953, 102.965



50, 6.982, 337.940



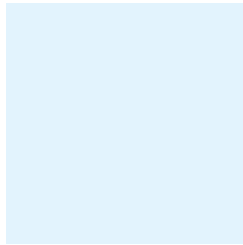
42, 71.363, 350.457



11, 33.650, 346.887

Previews

White Background



This preview shows how the CIELCh color 95, 7.653, 241.468 looks on a white background.

Color Contrast Check

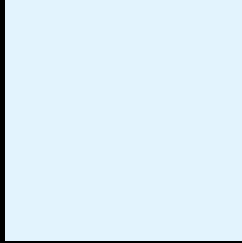
Large Text (above 18pt) WCAG AA × Fail

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, 7.653, 241.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

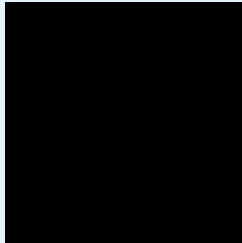
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

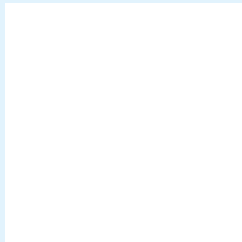
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.653, 241.468

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.653, 241.468.

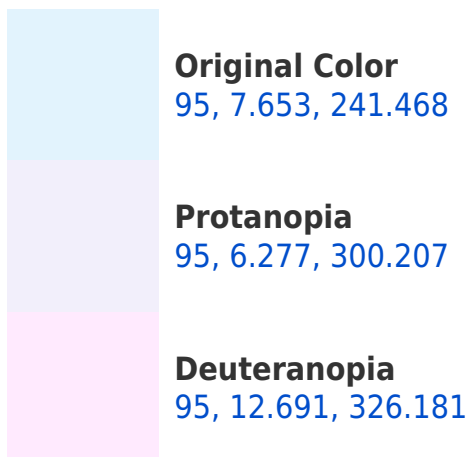


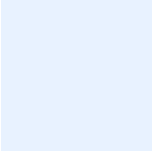
This preview shows how white text looks on a background with the CIELCh color 95, 7.653, 241.468.

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](#).

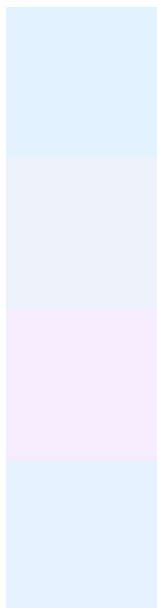
Dichromacy





Tritanopia
95, 7.439, 263.400

Trichromacy



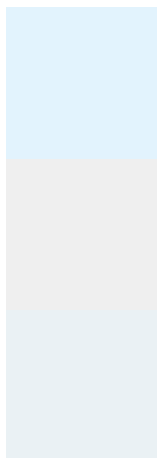
Original Color
95, 7.653, 241.468

Protanomaly
95, 5.882, 273.608

Deuteranomaly
95, 9.215, 308.328

Tritanomaly
95, 7.331, 256.720

Monochromacy



Original Color
95, 7.653, 241.468

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.868, 232.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.653, 241.468 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(226, 243, 253)` looks like.

```
.text, #text, p{  
    color:rgb(226, 243, 253)  
}
```

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(226, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 243, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.653, 241.468 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(226, 243, 253) }
```

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

```
.border{ border-color:rgb(226, 243, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 243, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 243, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 243, 253);  
box-shadow:4px 4px 4px 4px rgb(226, 243,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.653, 241.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 243, 253) }
```

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

```
.background{ background-color: rgb(226,  
243, 253) }
```

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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