

Converting Colors

CIE LCh(92, 6.115, 261.673)

Have a look what the booklet for
CIELCh(92, 6.115, 261.673) contains.

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Color

CIELCh(92, 5.986, 259.309)

Conversions

Conversions Part 1

Format	Color
Hex	E0E9F3
RGB	224, 233, 243
RGB Percent	88%, 91%, 95%
CMY	0.1210, 0.0857, 0.0465
CMYK	0.08, 0.04, 0.00, 0.05
HSL	212°, 44%, 92%
HSV	212°, 8%, 95%
XYZ	76.1595, 80.7044, 96.4667
YIQ	231.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

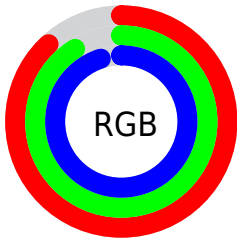
Format	Color
R_{YB}	224, 230, 243
Decimal	14739955
CIE _{Lab}	92.00, -1.11, -5.88
CIE _{LCh}	92, 5.986, 259.309
Y _{xy}	80.7044, 0.3006, 0.3186
Android (android.graphics.Color)	4292930035 (0xFFE0E9F3)
Y _{UV}	231.4490, 5.6946, -6.5328
Hunter-Lab	89.8356, -5.8864, -0.7815

Details

The CIELCh color `92, 5.986, 259.309` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 6.070, 77.156`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 6.114, 262.510` is the 20% darker color. If you saturate the color by 10%, you get `87, 13.600, 260.777`, and if you desaturate by 10%, it is `97, 1.665, 77.687`.

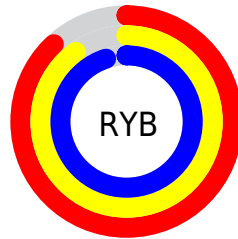
Distribution



Red (88%)

Green (91%)

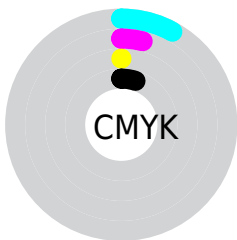
Blue (95%)



Red (88%)

Yellow (90%)

Blue (95%)

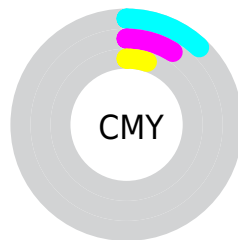


Cyan (8%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.986, 259.309 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 92, 5.986, 259.309 by changing the saturation by 10% instead.

92, 5.986, 259.309

92, 5.986, 259.309

100, 5.986,
259.309

82, 5.986, 259.309

72, 5.986, 259.309

62, 5.986, 259.309

52, 5.986, 259.309

42, 5.986, 259.309

32, 5.986, 259.309

22, 5.986, 259.309

12, 5.986, 259.309

2, 5.986, 259.309

■ 92, 5.986, 259.309

■ 92, 5.986, 259.309

■ 87, 13.600,
260.777

■ 97, 1.665, 77.687

■ 82, 21.156,
262.573

■ 100, 6.002,
109.716

■ 77, 28.632,
264.713

■ 73, 36.018,
267.253

■ 68, 43.323,
270.244

■ 63, 50.586,
273.717

■ 59, 57.884,
277.652

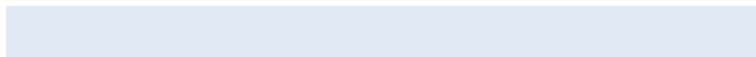
■ 55, 65.315,
281.952

■ 51, 72.965,
286.408

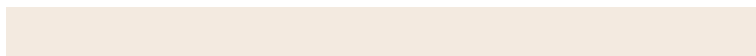
Harmonies

Complementary

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



92, 5.986, 259.309



93, 6.070, 77.156

Rectangle

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



92, 5.986, 259.309



92, 5.986, 309.309



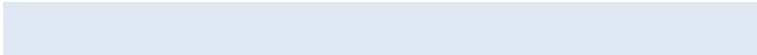
92, 5.986, 79.309



92, 5.986, 129.309

Sweetspot

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



92, 5.985, 259.290



99, 1.600, 258.706



94, 8.231, 163.954



53, 0.910, 258.707



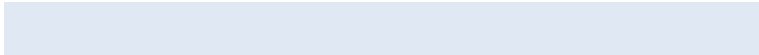
0, 0.000, 0.000



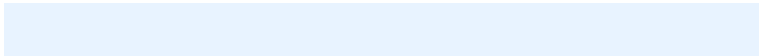
53, 0.007, 296.813

Same Dimension

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



92, 5.985, 259.290



95, 7.161, 259.452



90, 9.893, 291.618



49, 4.374, 259.516



39, 60.076, 286.556



10, 23.223, 279.494

Inverse Universe

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



91, 8.277, 345.694



94, 9.924, 345.810



95, 9.707, 110.094



48, 6.066, 345.855



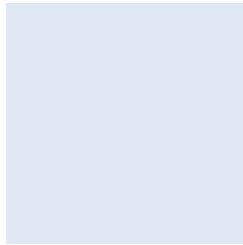
40, 66.695, 4.528



9, 30.036, 357.962

Previews

White Background



This preview shows how the CIELCh color 92, 5.986, 259.309 looks on a white background.

Color Contrast Check

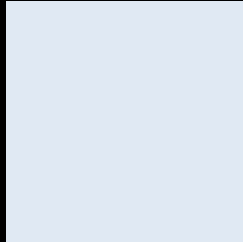
Large Text (above 18pt) WCAG AA × Fail

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 92, 5.986, 259.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

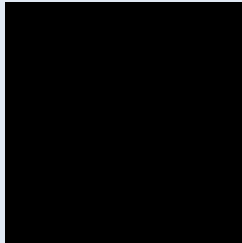
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

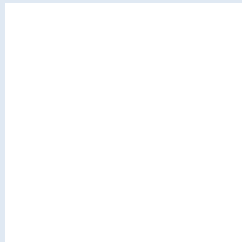
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.986, 259.309

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.986, 259.309.



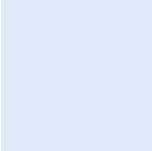
This preview shows how white text looks on a background with the CIELCh color 92, 5.986, 259.309.

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](#).

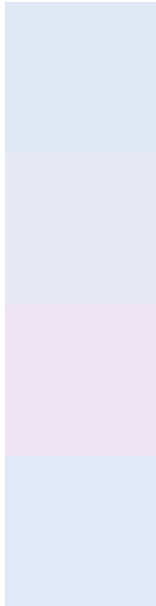
Dichromacy





Tritanopia
92, 9.570, 276.466

Trichromacy



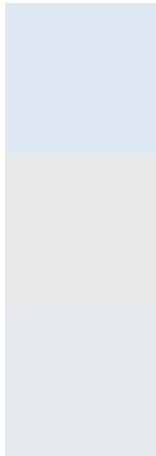
Original Color
92, 5.986, 259.309

Protanomaly
92, 5.213, 282.926

Deuteranomaly
92, 9.186, 315.588

Tritanomaly
92, 8.576, 274.604

Monochromacy



Original Color
92, 5.986, 259.309

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.315, 263.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.986, 259.309 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(224, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(224, 233, 243)  
}
```

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(224, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 233, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.986, 259.309 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(224, 233, 243) }
```

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

```
.border{ border-color:rgb(224, 233, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(224, 233,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.986, 259.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 233, 243) }
```

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

```
.background{ background-color: rgb(224,  
233, 243) }
```

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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