

Converting Colors

CIELCh(91, 4.696, 259.259)

Have a look what the booklet for
CIELCh(91, 4.696, 259.259) contains.

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Color

CIELCh(91, 4.776, 259.841)

Conversions

Conversions Part 1

Format	Color
Hex	DFE6EE
RGB	223, 230, 238
RGB Percent	87%, 90%, 93%
CMY	0.1253, 0.0979, 0.0665
CMYK	0.06, 0.03, 0.00, 0.07
HSL	212°, 31%, 90%
HSV	212°, 6%, 93%
XYZ	74.1880, 78.4833, 92.1558
YIQ	228.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

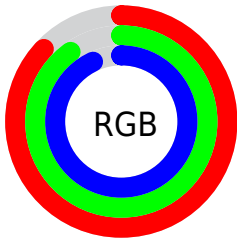
Format	Color
R _Y B	223, 228, 238
Decimal	14673646
CIE Lab	91.00, -0.84, -4.70
CIE LCh	91, 4.776, 259.841
Yxy	78.4833, 0.3030, 0.3206
Android (android.graphics.Color)	4292863726 (0xFFDFE6EE)
YUV	228.8190, 4.5262, -5.1033
Hunter-Lab	88.5908, -5.5538, 0.3377

Details

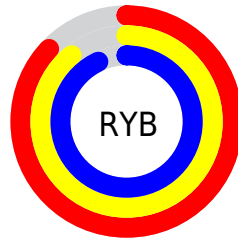
The CIELCh color $91, 4.776, 259.841$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $92, 4.820, 78.050$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $71, 4.557, 256.467$ is the 20% darker color. If you saturate the color by 10%, you get $86, 12.319, 261.255$, and if you desaturate by 10%, it is $96, 2.791, 78.330$.

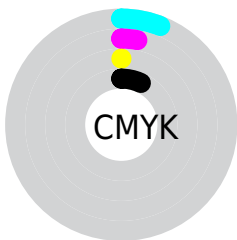
Distribution



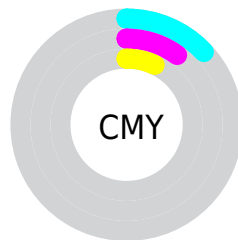
- Red (87%)
- Green (90%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.776, 259.841 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 91, 4.776, 259.841 by changing the saturation by 10% instead.

■ 91, 4.776, 259.841

■ 91, 4.776, 259.841

■ 100, 4.776,
259.841

■ 81, 4.776, 259.841

■ 71, 4.776, 259.841

■ 61, 4.776, 259.841

■ 51, 4.776, 259.841

■ 41, 4.776, 259.841

■ 31, 4.776, 259.841

■ 21, 4.776, 259.841

■ 11, 4.776, 259.841

■ 1, 4.776, 259.841

91, 4.776, 259.841

91, 4.776, 259.841

86, 12.319,
261.255

96, 2.791, 78.330

81, 19.819,
263.003

100, 8.586,
109.526

76, 27.254,
265.085

72, 34.614,
267.553

67, 41.907,
270.462

62, 49.167,
273.844

58, 56.463,
277.686

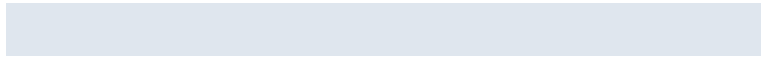
54, 63.887,
281.905

■ 50, 71.519,
286.321

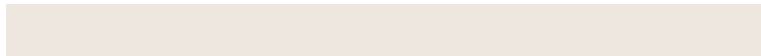
Harmonies

Complementary

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



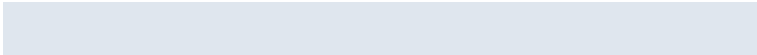
91, 4.776, 259.841



92, 4.820, 78.050

Rectangle

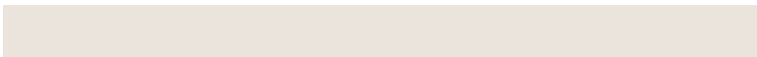
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 4.776, 259.841



91, 4.776, 309.841



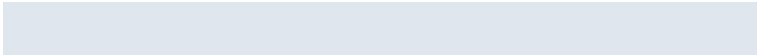
91, 4.776, 79.841



91, 4.776, 129.841

Sweetspot

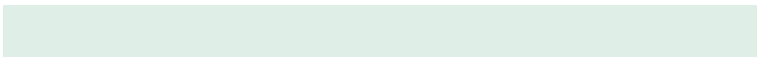
The Sweet Spot groups the original color and five complimentary colors.



91, 4.775, 259.816



99, 1.609, 259.422



93, 6.522, 164.101



53, 0.915, 259.422



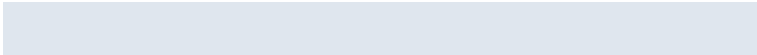
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 4.775, 259.816



96, 6.406, 260.039



89, 7.819, 291.460



48, 4.326, 260.236



38, 60.217, 287.130



9, 22.662, 279.724

Inverse Universe

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



90, 6.518, 345.938



95, 8.770, 346.108



94, 7.694, 110.236



47, 5.935, 346.248



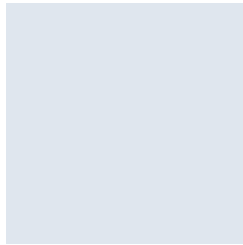
39, 65.988, 5.149



8, 29.173, 358.147

Previews

White Background



This preview shows how the CIELCh color 91, 4.776, 259.841 looks on a white background.

Color Contrast Check

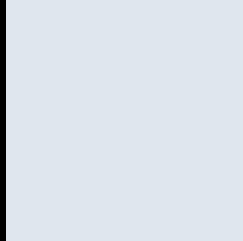
Large Text (above 18pt) WCAG AA × Fail

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 91, 4.776, 259.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

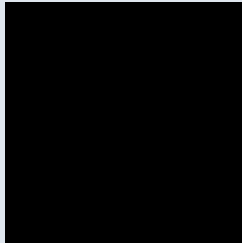
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

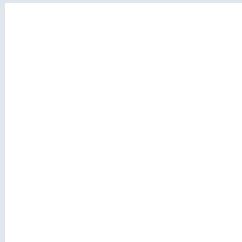
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.776, 259.841

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.776, 259.841.



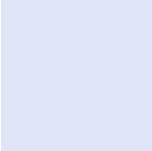
This preview shows how white text looks on a background with the CIELCh color 91, 4.776, 259.841.

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](#).

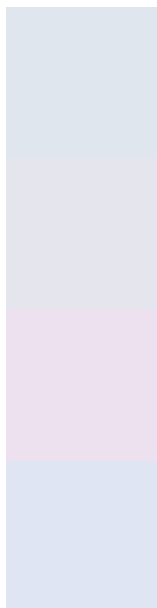
Dichromacy





Tritanopia
91, 9.460, 280.495

Trichromacy



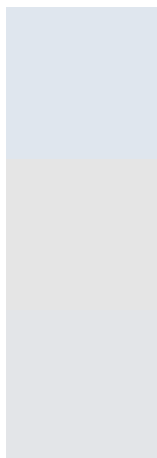
Original Color
91, 4.776, 259.841

Protanomaly
91, 4.163, 285.698

Deuteranomaly
91, 8.640, 322.774

Tritanomaly
91, 7.939, 278.273

Monochromacy



Original Color
91, 4.776, 259.841

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.706, 265.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.776, 259.841 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(223, 230, 238)` looks like.

```
.text, #text, p{  
    color:rgb(223, 230, 238)  
}
```

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(223, 230, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 230, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.776, 259.841 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(223, 230, 238) }
```

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

```
.border{ border-color:rgb(223, 230, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 230, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 230, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 230, 238);  
box-shadow:4px 4px 4px 4px rgb(223, 230,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.776, 259.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 230, 238) }
```

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

```
.background{ background-color: rgb(223,  
230, 238) }
```

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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