

Converting Colors

CIELCh(91, 4.695, 221.513)

Have a look what the booklet for
CIELCh(91, 4.695, 221.513) contains.

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Color

CIELCh(91, 4.766, 218.308)

Conversions

Conversions Part 1

Format	Color
Hex	DBE8EB
RGB	219, 232, 235
RGB Percent	86%, 91%, 92%
CMY	0.1426, 0.0916, 0.0799
CMYK	0.07, 0.01, 0.00, 0.08
HSL	191°, 28%, 89%
HSV	191°, 7%, 92%
XYZ	72.7961, 78.4833, 89.6266
YIQ	228.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

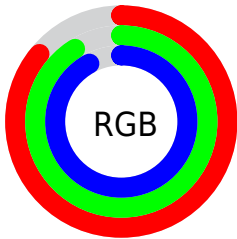
Format	Color
R_{YB}	219, 226, 235
Decimal	14412011
CIE _{Lab}	91.00, -3.74, -2.95
CIE _{LCh}	91, 4.766, 218.308
Yxy	78.4833, 0.3022, 0.3258
Android (android.graphics.Color)	4292602091 (0xFFDBE8EB)
YUV	228.4550, 3.2267, -8.2920
Hunter-Lab	88.5908, -8.3585, 2.0303

Details

The CIELCh color **91, 4.766, 218.308** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89, 4.972, 37.794**, 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, 4.653, 219.813** is the 20% darker color. If you saturate the color by 10%, you get **88, 11.444, 218.531**, and if you desaturate by 10%, it is **94, 2.272, 37.689**.

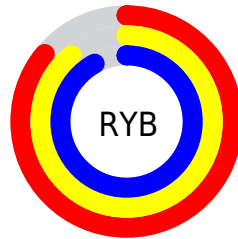
Distribution



Red (86%)

Green (91%)

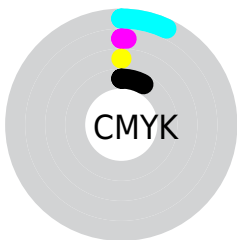
Blue (92%)



Red (86%)

Yellow (89%)

Blue (92%)

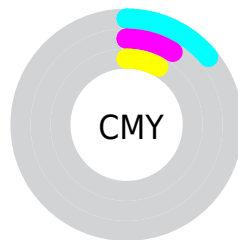


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (8%)



Cyan (14%)

Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.766, 218.308 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, 4.766, 218.308 by changing the saturation by 10% instead.

■ 91, 4.766, 218.308

■ 91, 4.766, 218.308

■ 100, 4.766,
218.308

■ 81, 4.766, 218.308

■ 71, 4.766, 218.308

■ 61, 4.766, 218.308

■ 51, 4.766, 218.308

■ 41, 4.766, 218.308

■ 31, 4.766, 218.308

■ 21, 4.766, 218.308

■ 11, 4.766, 218.308

■ 1, 4.766, 218.308

91, 4.766, 218.308

91, 4.766, 218.308

88, 11.444,
218.531

94, 2.272, 37.689

86, 17.663,
219.007

96, 6.012, 49.048

83, 23.314,
219.710

97, 6.336, 74.373

81, 28.288,
220.690

99, 9.623, 106.449

79, 32.484,
222.011

100, 10.312,
109.397

77, 35.827,
223.752

75, 38.291,
225.993

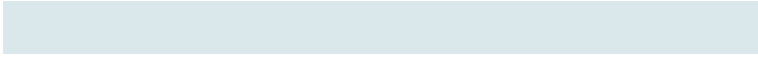
74, 39.918,
228.811

■ 72, 40.844,
232.246

Harmonies

Complementary

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



91, 4.766, 218.308



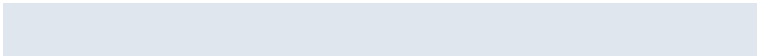
89, 4.972, 37.794

Rectangle

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



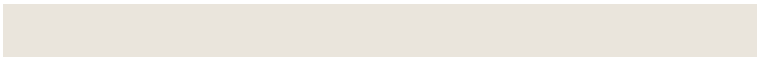
91, 4.766, 218.308



91, 4.766, 268.308



91, 4.766, 38.308



91, 4.766, 88.308

Sweetspot

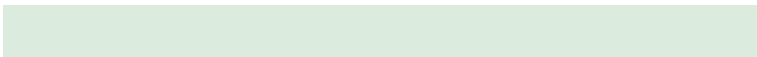
The Sweet Spot groups the original color and five complimentary colors.



91, 4.767, 218.282



99, 1.514, 218.478



91, 8.896, 149.559



53, 0.861, 218.499



0, 0.000, 0.000



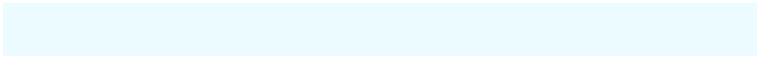
53, 0.007, 296.813

Same Dimension

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



91, 4.767, 218.282



98, 5.966, 218.294



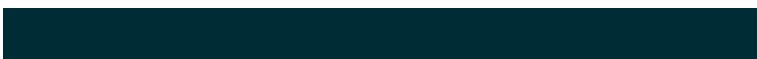
89, 5.935, 273.347



48, 3.945, 218.318



56, 33.795, 232.726



16, 14.418, 226.755

Inverse Universe

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



89, 8.898, 330.469



95, 11.181, 330.551



91, 5.919, 91.553



46, 7.428, 330.645



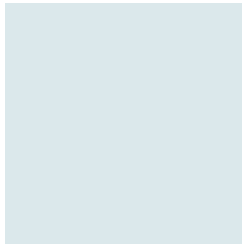
41, 77.270, 337.375



9, 33.781, 335.800

Previews

White Background



This preview shows how the CIELCh color 91, 4.766, 218.308 looks on a white background.

Color Contrast Check

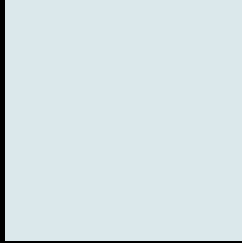
Large Text (above 18pt) WCAG AA × Fail

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, 4.766, 218.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

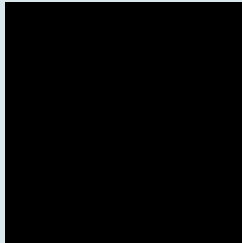
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

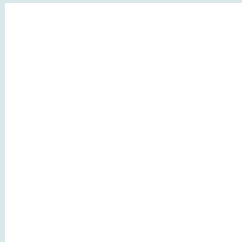
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.766, 218.308

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.766, 218.308.

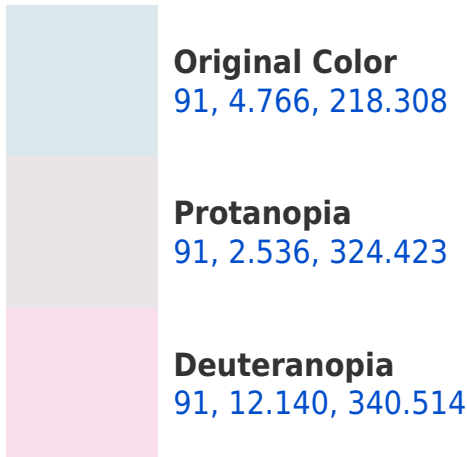


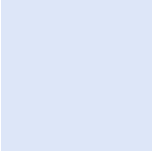
This preview shows how white text looks on a background with the CIELCh color 91, 4.766, 218.308.

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](#).

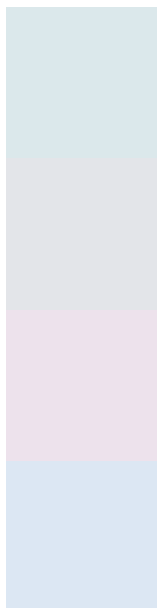
Dichromacy





Tritanopia
91, 9.762, 272.605

Trichromacy



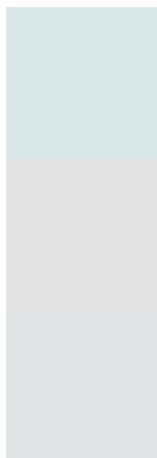
Original Color
91, 4.766, 218.308

Protanomaly
91, 2.188, 271.568

Deuteranomaly
91, 6.528, 327.217

Tritanomaly
91, 7.214, 259.051

Monochromacy



Original Color
91, 4.766, 218.308

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.503, 219.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.766, 218.308 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(219, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(219, 232, 235)  
}
```

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(219, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 232, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.766, 218.308 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(219, 232, 235) }
```

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

```
.border{ border-color:rgb(219, 232, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 232, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 232,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.766, 218.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 232, 235) }
```

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

```
.background{ background-color: rgb(219,  
232, 235) }
```

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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