

Converting Colors

CIELCh(91, 8.779, 236.948)

Have a look what the booklet for
CIELCh(91, 8.779, 236.948) contains.

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Color

CIELCh(91, 8.738, 235.558)

Conversions

Conversions Part 1

Format	Color
Hex	D4E9F3
RGB	212, 233, 243
RGB Percent	83%, 91%, 95%
CMY	0.1699, 0.0876, 0.0484
CMYK	0.13, 0.04, 0.00, 0.05
HSL	199°, 56%, 89%
HSV	199°, 13%, 95%
XYZ	72.2237, 78.4833, 95.8653
YIQ	227.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

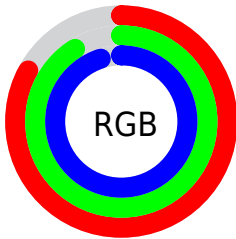
Format	Color
R _Y B	212, 225, 243
Decimal	13953523
CIE Lab	91.00, -4.94, -7.21
CIE LCh	91, 8.738, 235.558
Yxy	78.4833, 0.2929, 0.3183
Android (android.graphics.Color)	4292143603 (0xFFD4E9F3)
YUV	227.8610, 7.4635, -13.9101
Hunter-Lab	88.5908, -9.5117, -2.1449

Details

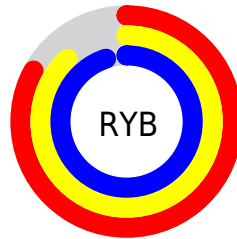
The CIELCh color `91, 8.738, 235.558` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `90, 9.347, 53.339`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 8.838, 237.272` is the 20% darker color. If you saturate the color by 10%, you get `87, 15.231, 236.668`, and if you desaturate by 10%, it is `95, 1.936, 234.858`.

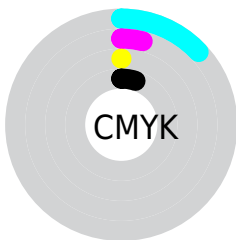
Distribution



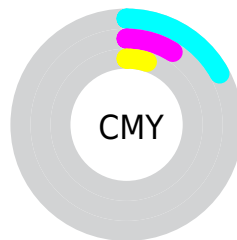
- Red (83%)
- Green (91%)
- Blue (95%)



- Red (83%)
- Yellow (88%)
- Blue (95%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.738, 235.558 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, 8.738, 235.558 by changing the saturation by 10% instead.

91, 8.738, 235.558

91, 8.738, 235.558

100, 8.738,
235.558

81, 8.738, 235.558

71, 8.738, 235.558

61, 8.738, 235.558

51, 8.738, 235.558

41, 8.738, 235.558

31, 8.738, 235.558

21, 8.738, 235.558

11, 8.738, 235.558

1, 8.738, 235.558

91, 8.738, 235.558

91, 8.738, 235.558

87, 15.231,
236.668

95, 1.936, 234.858

84, 21.340,
238.106

98, 3.711, 70.082

81, 26.987,
239.922

100, 6.246,
109.699

77, 32.105,
242.198

74, 36.649,
245.026

71, 40.623,
248.490

69, 44.097,
252.637

66, 47.224,
257.440

■ 64, 49.431,
261.153

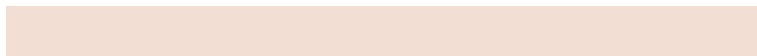
Harmonies

Complementary

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



91, 8.738, 235.558



90, 9.347, 53.339

Rectangle

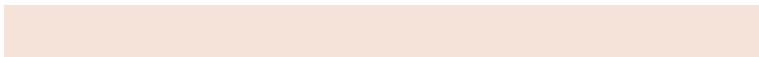
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



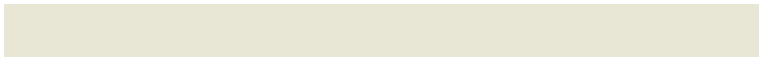
91, 8.738, 235.558



91, 8.738, 285.558



91, 8.738, 55.558



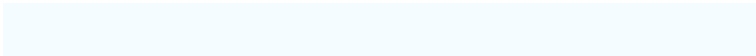
91, 8.738, 105.558

Sweetspot

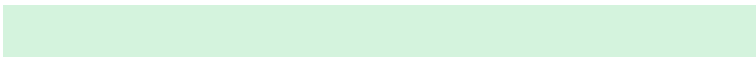
The Sweet Spot groups the original color and five complimentary colors.



91, 8.738, 235.544



98, 2.900, 234.870



93, 15.587, 154.054



52, 2.057, 234.901



0, 0.000, 0.000



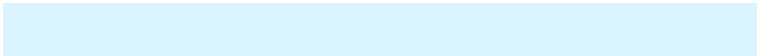
53, 0.007, 296.813

Same Dimension

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



91, 8.738, 235.544



94, 10.632, 235.773



87, 13.353, 282.958



49, 3.942, 235.242



50, 40.136, 260.219



14, 16.679, 252.291

Inverse Universe

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



88, 15.626, 336.090



90, 19.135, 336.263



94, 13.139, 99.929



48, 6.985, 335.842



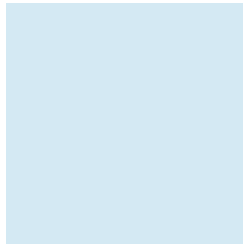
41, 71.854, 346.588



10, 32.823, 343.434

Previews

White Background



This preview shows how the CIELCh color 91, 8.738, 235.558 looks on a white background.

Color Contrast Check

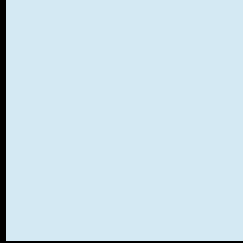
Large Text (above 18pt) WCAG AA × Fail

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, 8.738, 235.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

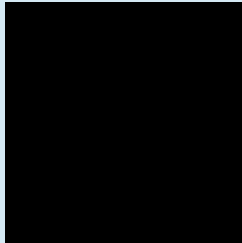
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

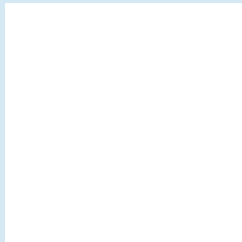
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.738, 235.558

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.738, 235.558.



This preview shows how white text looks on a background with the CIELCh color 91, 8.738, 235.558.

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](#).

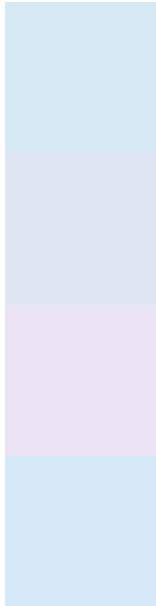
Dichromacy





Tritanopia
91, 11.177, 255.995

Trichromacy



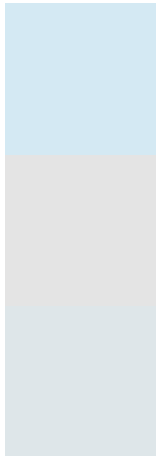
Original Color
91, 8.738, 235.558

Protanomaly
91, 6.157, 267.462

Deuteranomaly
91, 9.610, 303.453

Tritanomaly
91, 9.970, 250.592

Monochromacy



Original Color
91, 8.738, 235.558

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.190, 228.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.738, 235.558 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(212, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 233, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.738, 235.558 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(212, 233, 243) }
```

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

```
.border{ border-color:rgb(212, 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(212, 233, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(212, 233,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.738, 235.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 233, 243) }
```

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

```
.background{ background-color: rgb(212,  
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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