

Converting Colors

CIELCh(91, 3.541, 239.782)

Have a look what the booklet for
CIELCh(91, 3.541, 239.782) contains.

CIELCh(91, 3.541, 246.604)	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(91, 3.541, 246.604)

Conversions

Conversions Part 1

Format	Color
Hex	DFE6EB
RGB	223, 230, 235
RGB Percent	87%, 90%, 92%
CMY	0.1245, 0.0970, 0.0774
CMYK	0.05, 0.02, 0.00, 0.08
HSL	205°, 23%, 90%
HSV	205°, 5%, 92%
XYZ	73.9159, 78.4833, 90.0512
YIQ	228.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

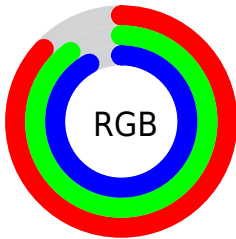
Format	Color
R _Y B	223, 227, 235
Decimal	14673643
CIE Lab	91.00, -1.41, -3.25
CIE LCh	91, 3.541, 246.604
Yxy	78.4833, 0.3049, 0.3237
Android (android.graphics.Color)	4292863723 (0xFFDFE6EB)
YUV	228.4770, 3.2158, -4.8033
Hunter-Lab	88.5908, -6.1022, 1.7462

Details

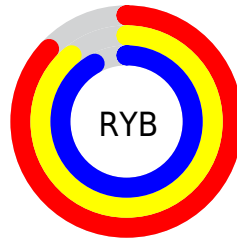
The CIELCh color `91, 3.541, 246.604` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 3.597, 65.185`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 3.347, 240.163` is the 20% darker color. If you saturate the color by 10%, you get `87, 10.345, 247.765`, and if you desaturate by 10%, it is `95, 3.417, 65.217`.

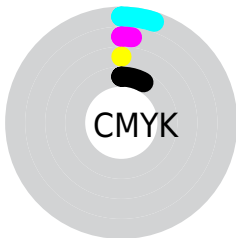
Distribution



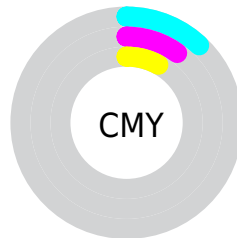
- Red (87%)
- Green (90%)
- Blue (92%)



- Red (87%)
- Yellow (89%)
- Blue (92%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 3.541, 246.604 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, 3.541, 246.604 by changing the saturation by 10% instead.

■ 91, 3.541, 246.604

■ 91, 3.541, 246.604

■ 100, 3.541,
246.604

■ 81, 3.541, 246.604

■ 71, 3.541, 246.604

■ 61, 3.541, 246.604

■ 51, 3.541, 246.604

■ 41, 3.541, 246.604

■ 31, 3.541, 246.604

■ 21, 3.541, 246.604

■ 11, 3.541, 246.604

■ 1, 3.541, 246.604

91, 3.541, 246.604

91, 3.541, 246.604

87, 10.345,
247.765

95, 3.417, 65.217

83, 16.949,
249.307

98, 7.625, 95.569

79, 23.302,
251.194

100, 9.989,
109.421

75, 29.361,
253.494

71, 35.096,
256.279

67, 40.508,
259.617

64, 45.644,
263.545

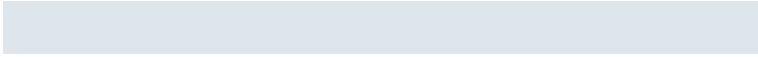
61, 50.611,
268.035

■ 58, 55.564,
272.958

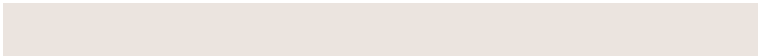
Harmonies

Complementary

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



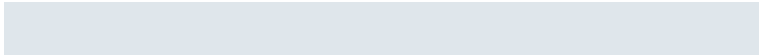
91, 3.541, 246.604



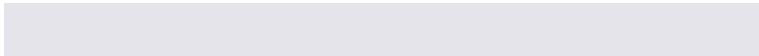
91, 3.597, 65.185

Rectangle

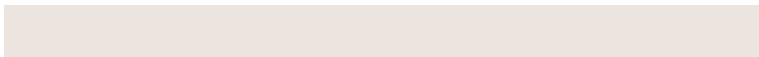
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 3.541, 246.604



91, 3.541, 296.604



91, 3.541, 66.604



91, 3.541, 116.604

Sweetspot

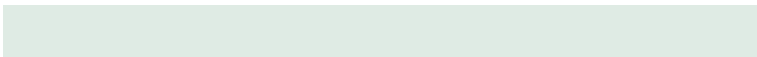
The Sweet Spot groups the original color and five complimentary colors.



91, 3.540, 246.567



99, 1.491, 246.426



92, 5.687, 158.321



53, 0.848, 246.433



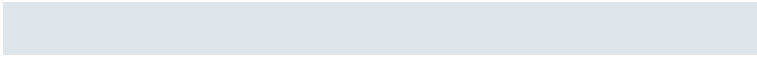
0, 0.000, 0.000



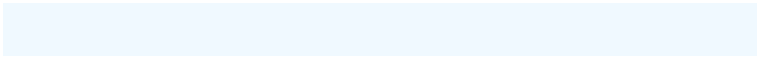
53, 0.007, 296.813

Same Dimension

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



91, 3.540, 246.567



97, 4.439, 246.655



90, 5.636, 286.374



48, 2.747, 246.717



44, 47.041, 274.469



11, 17.858, 265.648

Inverse Universe

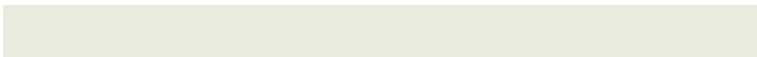
The Inverse Universe completely reimagines the original color for something new.



90, 5.658, 339.719



96, 7.108, 339.802



93, 5.568, 105.253



47, 4.406, 339.854



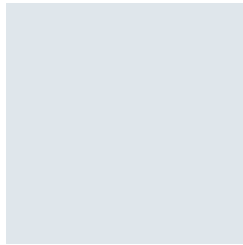
39, 67.128, 354.268



8, 29.585, 349.138

Previews

White Background



This preview shows how the CIELCh color 91, 3.541, 246.604 looks on a white background.

Color Contrast Check

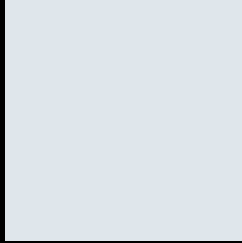
Large Text (above 18pt) WCAG AA × Fail

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 91, 3.541, 246.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

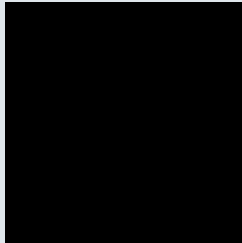
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

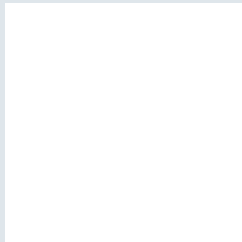
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 3.541, 246.604

Background



This preview shows how black text looks on a background with the CIELCh color 91, 3.541, 246.604.

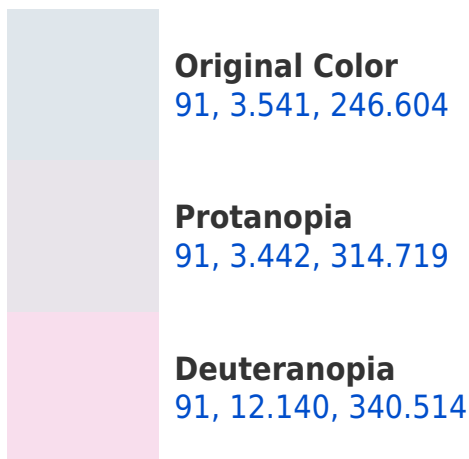


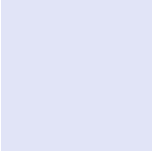
This preview shows how white text looks on a background with the CIELCh color 91, 3.541, 246.604.

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](#).

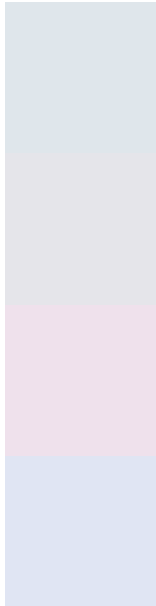
Dichromacy





Tritanopia
91, 9.896, 285.006

Trichromacy



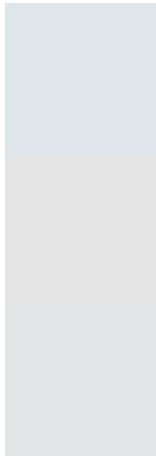
Original Color
91, 3.541, 246.604

Protanomaly
91, 2.600, 290.414

Deuteranomaly
91, 7.609, 331.354

Tritanomaly
91, 7.435, 277.342

Monochromacy



Original Color
91, 3.541, 246.604

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.254, 255.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 3.541, 246.604 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(223, 230, 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(223, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 230, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 3.541, 246.604 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, 235) }
```

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

```
.border{ border-color:rgb(223, 230, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 230,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 3.541, 246.604 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, 235) }
```

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

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