

Converting Colors

CIE LCh(91, 4.227, 248.120)

Have a look what the booklet for
CIELCh(91, 4.227, 248.120) contains.

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Color

CIELCh(91, 4.540, 252.599)

Conversions

Conversions Part 1

Format	Color
Hex	DEE6ED
RGB	222, 230, 237
RGB Percent	87%, 90%, 93%
CMY	0.1282, 0.0968, 0.0693
CMYK	0.06, 0.03, 0.00, 0.07
HSL	208°, 30%, 90%
HSV	208°, 6%, 93%
XYZ	73.9392, 78.4833, 91.6177
YIQ	228.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

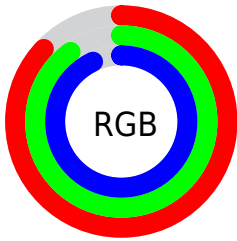
Format	Color
R _Y B	222, 227, 237
Decimal	14608109
CIE Lab	91.00, -1.36, -4.33
CIE LCh	91, 4.540, 252.599
Yxy	78.4833, 0.3030, 0.3216
Android (android.graphics.Color)	4292798189 (0xFFDEE6ED)
YUV	228.4060, 4.2368, -5.6181
Hunter-Lab	88.5908, -6.0552, 0.6978

Details

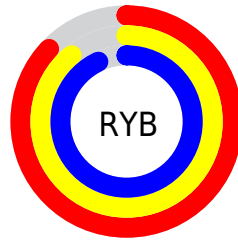
The CIELCh color `91, 4.540, 252.599` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 4.613, 70.860`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 4.350, 248.292` is the 20% darker color. If you saturate the color by 10%, you get `87, 11.620, 253.934`, and if you desaturate by 10%, it is `96, 2.643, 71.108`.

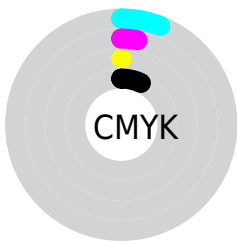
Distribution



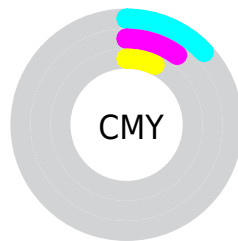
- Red (87%)
- Green (90%)
- Blue (93%)



- 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, 4.540, 252.599 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, 4.540, 252.599 by changing the saturation by 10% instead.

■ 91, 4.540, 252.599

■ 91, 4.540, 252.599

■ 100, 4.540,
252.599

■ 81, 4.540, 252.599

■ 71, 4.540, 252.599

■ 61, 4.540, 252.599

■ 51, 4.540, 252.599

■ 41, 4.540, 252.599

■ 31, 4.540, 252.599

■ 21, 4.540, 252.599

■ 11, 4.540, 252.599

■ 1, 4.540, 252.599

91, 4.540, 252.599

91, 4.540, 252.599

87, 11.620,
253.934

96, 2.643, 71.108

82, 18.562,
255.622

99, 7.723, 102.821

78, 25.329,
257.658

100, 8.949,
109.499

73, 31.892,
260.105

69, 38.241,
263.027

65, 44.395,
266.475

61, 50.421,
270.456

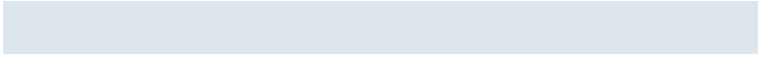
58, 56.427,
274.910

■ 54, 62.553,
279.670

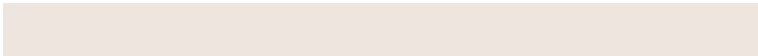
Harmonies

Complementary

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



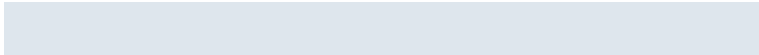
91, 4.540, 252.599



91, 4.613, 70.860

Rectangle

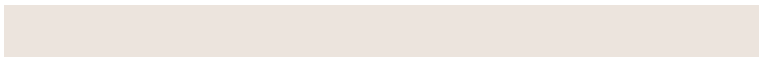
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 4.540, 252.599



91, 4.540, 302.599



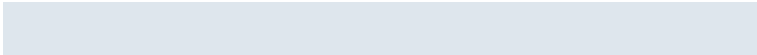
91, 4.540, 72.599



91, 4.540, 122.599

Sweetspot

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



91, 4.539, 252.572



99, 1.532, 252.241



93, 6.848, 160.615



53, 0.871, 252.245



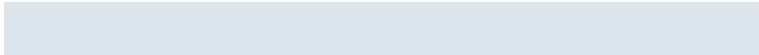
0, 0.000, 0.000



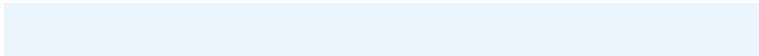
53, 0.007, 296.813

Same Dimension

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



91, 4.539, 252.572



96, 6.079, 252.777



89, 7.430, 288.778



48, 4.102, 252.962



41, 52.701, 280.548



11, 20.157, 272.550

Inverse Universe

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



90, 6.825, 342.329



95, 9.172, 342.485



93, 7.320, 107.459



47, 6.206, 342.615



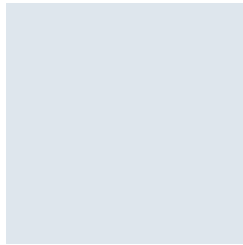
40, 66.692, 358.828



8, 29.789, 353.023

Previews

White Background



This preview shows how the CIELCh color 91, 4.540, 252.599 looks on a white background.

Color Contrast Check

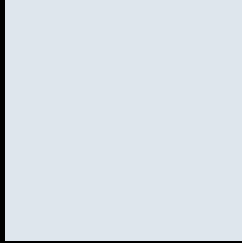
Large Text (above 18pt) WCAG AA × Fail

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, 4.540, 252.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

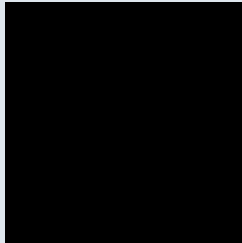
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

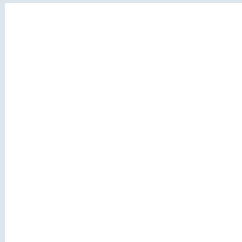
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.540, 252.599

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.540, 252.599.



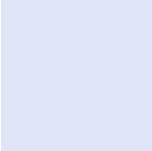
This preview shows how white text looks on a background with the CIELCh color 91, 4.540, 252.599.

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](#).

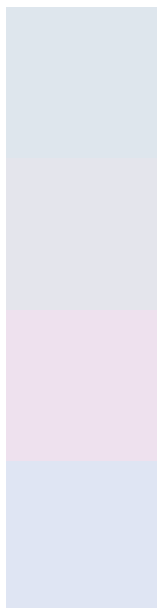
Dichromacy





Tritanopia
91, 9.460, 280.495

Trichromacy



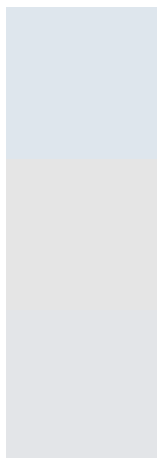
Original Color
91, 4.540, 252.599

Protanomaly
91, 3.647, 284.964

Deuteranomaly
91, 8.208, 324.707

Tritanomaly
91, 7.516, 274.785

Monochromacy



Original Color
91, 4.540, 252.599

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, 4.540, 252.599 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(222, 230, 237)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 237)  
}
```

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(222, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.540, 252.599 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(222, 230, 237) }
```

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

```
.border{ border-color:rgb(222, 230, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 230, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.540, 252.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 237) }
```

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

```
.background{ background-color: rgb(222,  
230, 237) }
```

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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