

Converting Colors

CIELCh(91, 5.926, 264.188)

Have a look what the booklet for
CIELCh(91, 5.926, 264.188) contains.

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Color

CIELCh(91, 5.836, 262.241)

Conversions

Conversions Part 1

Format	Color
Hex	DEE6F0
RGB	222, 230, 240
RGB Percent	87%, 90%, 94%
CMY	0.1291, 0.0977, 0.0585
CMYK	0.07, 0.04, 0.00, 0.06
HSL	213°, 38%, 91%
HSV	213°, 7%, 94%
XYZ	74.2144, 78.4833, 93.7452
YIQ	228.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

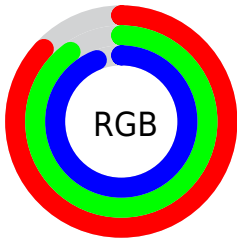
Format	Color
R _Y B	222, 228, 240
Decimal	14608112
CIE Lab	91.00, -0.79, -5.78
CIE LCh	91, 5.836, 262.241
Yxy	78.4833, 0.3011, 0.3185
Android (android.graphics.Color)	4292798192 (0xFFDEE6F0)
YUV	228.7480, 5.5472, -5.9180
Hunter-Lab	88.5908, -5.5007, -0.7260

Details

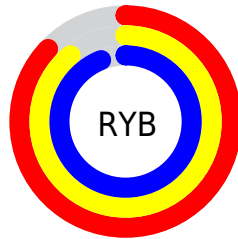
The CIELCh color `91, 5.836, 262.241` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 5.893, 80.158`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 5.656, 259.801` is the 20% darker color. If you saturate the color by 10%, you get `86, 13.607, 263.711`, and if you desaturate by 10%, it is `96, 1.934, 80.666`.

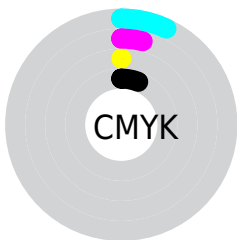
Distribution



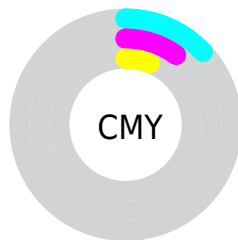
- Red (87%)
- Green (90%)
- Blue (94%)



- Red (87%)
- Yellow (89%)
- Blue (94%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.836, 262.241 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, 5.836, 262.241 by changing the saturation by 10% instead.

■ 91, 5.836, 262.241

■ 91, 5.836, 262.241

■ 100, 5.836,
262.241

■ 81, 5.836, 262.241

■ 71, 5.836, 262.241

■ 61, 5.836, 262.241

■ 51, 5.836, 262.241

■ 41, 5.836, 262.241

■ 31, 5.836, 262.241

■ 21, 5.836, 262.241

■ 11, 5.836, 262.241

■ 1, 5.836, 262.241

91, 5.836, 262.241

91, 5.836, 262.241

86, 13.607,
263.711

96, 1.934, 80.666

81, 21.363,
265.501

100, 7.547,
109.603

76, 29.091,
267.624

71, 36.785,
270.133

66, 44.463,
273.075

61, 52.166,
276.474

57, 59.965,
280.305

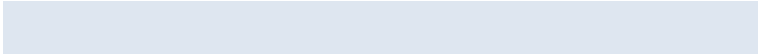
53, 67.941,
284.467

■ 49,76.142,
288.756

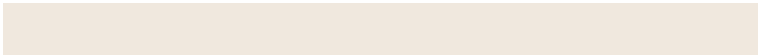
Harmonies

Complementary

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



91, 5.836, 262.241



92, 5.893, 80.158

Rectangle

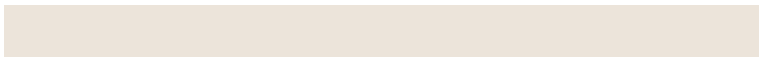
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 5.836, 262.241



91, 5.836, 312.241



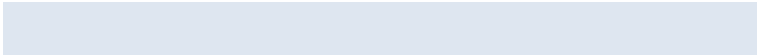
91, 5.836, 82.241



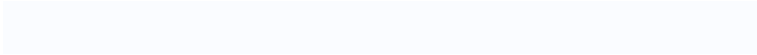
91, 5.836, 132.241

Sweetspot

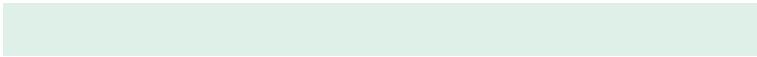
The Sweet Spot groups the original color and five complimentary colors.



91, 5.835, 262.222



99, 1.641, 261.656



93, 7.635, 165.850



53, 0.933, 261.656



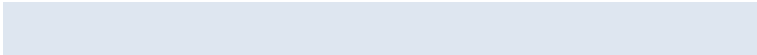
0, 0.000, 0.000



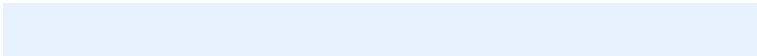
53, 0.007, 296.813

Same Dimension

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



91, 5.835, 262.222



95, 7.353, 262.429



89, 9.397, 292.851



47, 4.415, 262.491



37, 62.852, 289.017



9, 23.565, 281.824

Inverse Universe

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



90, 7.709, 347.340



94, 9.738, 347.491



94, 9.226, 111.477



47, 5.851, 347.535



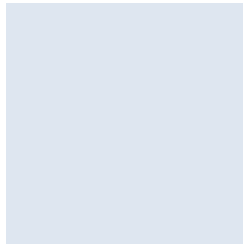
39, 65.968, 7.306



8, 29.029, 359.926

Previews

White Background



This preview shows how the CIELCh color 91, 5.836, 262.241 looks on a white background.

Color Contrast Check

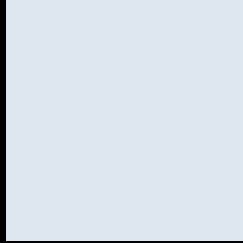
Large Text (above 18pt) WCAG AA × Fail

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, 5.836, 262.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

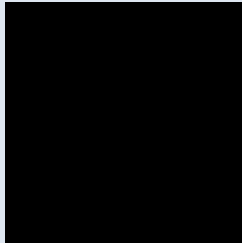
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

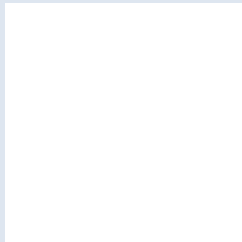
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.836, 262.241

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.836, 262.241.

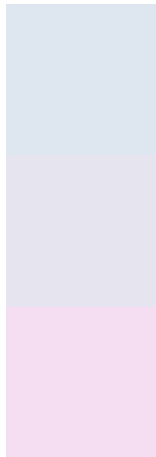


This preview shows how white text looks on a background with the CIELCh color 91, 5.836, 262.241.

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



Original Color

91, 5.836, 262.241

Protanopia

91, 5.764, 297.620

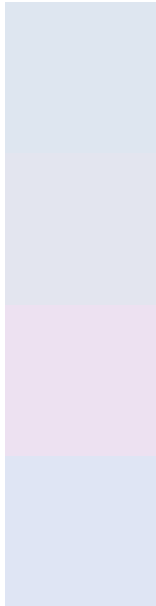
Deuteranopia

91, 13.233, 328.746



Tritanopia
91, 9.521, 278.472

Trichromacy



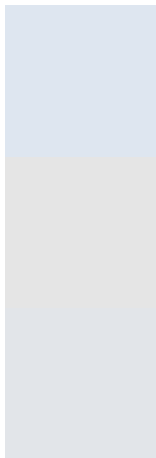
Original Color
91, 5.836, 262.241

Protanomaly
91, 5.225, 282.933

Deuteranomaly
91, 9.364, 317.554

Tritanomaly
91, 8.014, 275.872

Monochromacy



Original Color
91, 5.836, 262.241

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.320, 263.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.836, 262.241 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.836, 262.241 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, 240) }
```

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

```
.border{ border-color:rgb(222, 230, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.836, 262.241 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, 240) }
```

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

```
.background{ background-color: rgb(222,  
230, 240) }
```

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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