

Converting Colors

CIELCh(91, 4.075, 232.741)

Have a look what the booklet for
CIELCh(91, 4.075, 232.741) contains.

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Color

CIELCh(91, 4.033, 230.325)

Conversions

Conversions Part 1

Format	Color
Hex	DDE7EB
RGB	221, 231, 235
RGB Percent	87%, 91%, 92%
CMY	0.1335, 0.0943, 0.0786
CMYK	0.06, 0.02, 0.00, 0.08
HSL	197°, 26%, 89%
HSV	197°, 6%, 92%
XYZ	73.3537, 78.4833, 89.8416
YIQ	228.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

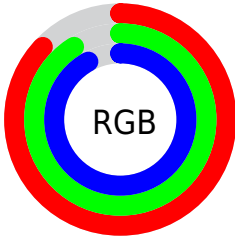
Format	Color
R _Y B	221, 227, 235
Decimal	14542827
CIE Lab	91.00, -2.57, -3.10
CIE LCh	91, 4.033, 230.325
Yxy	78.4833, 0.3035, 0.3247
Android (android.graphics.Color)	4292732907 (0xFFDDE7EB)
YUV	228.4660, 3.2213, -6.5477
Hunter-Lab	88.5908, -7.2350, 1.8865

Details

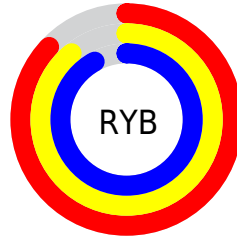
The CIELCh color `91, 4.033, 230.325` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 4.161, 49.264`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 3.924, 233.175` is the 20% darker color. If you saturate the color by 10%, you get `88, 10.559, 231.018`, and if you desaturate by 10%, it is `94, 2.779, 49.311`.

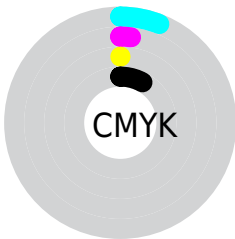
Distribution



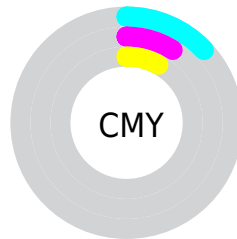
- Red (87%)
- Green (91%)
- Blue (92%)



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



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.033, 230.325 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, 4.033, 230.325 by changing the saturation by 10% instead.

91, 4.033, 230.325

91, 4.033, 230.325

100, 4.033,
230.325

81, 4.033, 230.325

71, 4.033, 230.325

61, 4.033, 230.325

51, 4.033, 230.325

41, 4.033, 230.325

31, 4.033, 230.325

21, 4.033, 230.325

11, 4.033, 230.325

1, 4.033, 230.325

91, 4.033, 230.325

91, 4.033, 230.325

88, 10.559,
231.018

94, 2.779, 49.311

84, 16.722,
232.045

97, 6.118, 71.062

81, 22.436,
233.381

99, 8.293, 99.741

100, 10.149,
109.409

78, 27.617,
235.092

75, 32.191,
237.266

73, 36.113,
239.996

70, 39.388,
243.371

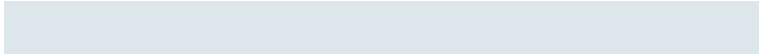
68, 42.094,
247.445

■ 66, 44.397,
252.195

Harmonies

Complementary

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



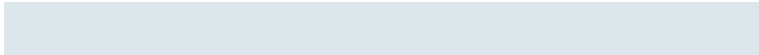
91, 4.033, 230.325



90, 4.161, 49.264

Rectangle

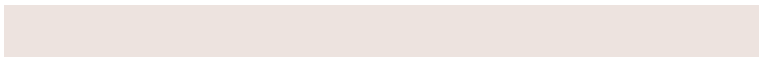
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



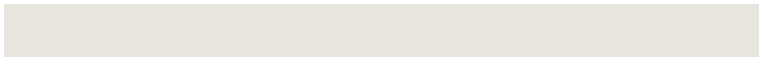
91, 4.033, 230.325



91, 4.033, 280.325



91, 4.033, 50.325



91, 4.033, 100.325

Sweetspot

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



91, 4.033, 230.292



99, 1.461, 230.302



92, 7.233, 153.267



53, 0.831, 230.317



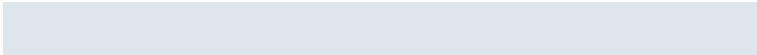
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 4.033, 230.292



97, 5.052, 230.349



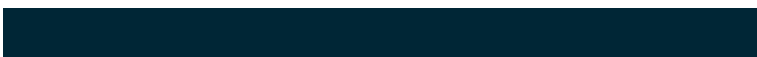
89, 5.794, 280.121



48, 3.062, 230.380



51, 37.014, 253.273



14, 15.042, 244.867

Inverse Universe

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



89, 7.253, 334.053



96, 9.114, 334.134



92, 5.745, 98.669



47, 5.533, 334.174



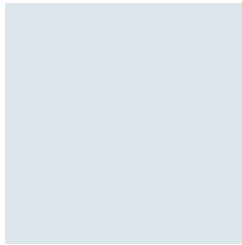
40, 72.074, 343.795



8, 31.754, 340.916

Previews

White Background



This preview shows how the CIELCh color 91, 4.033, 230.325 looks on a white background.

Color Contrast Check

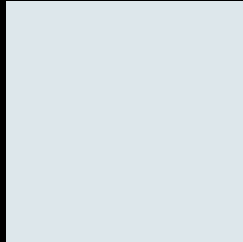
Large Text (above 18pt) WCAG AA × Fail

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, 4.033, 230.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

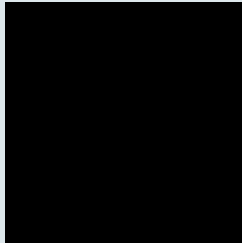
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

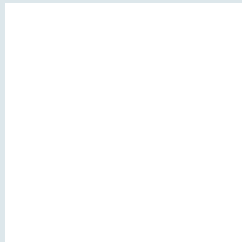
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.033, 230.325

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.033, 230.325.

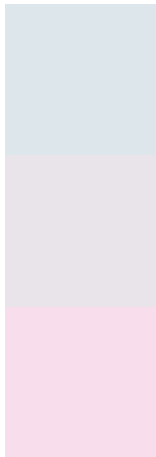


This preview shows how white text looks on a background with the CIELCh color 91, 4.033, 230.325.

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, 4.033, 230.325

Protanopia

91, 2.979, 318.828

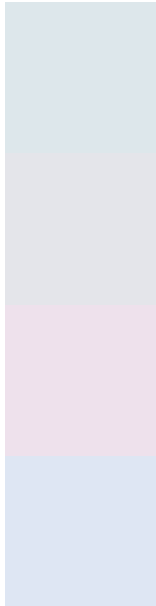
Deuteranopia

91, 12.140, 340.514



Tritanopia
91, 9.521, 278.472

Trichromacy



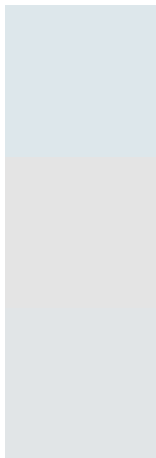
Original Color
91, 4.033, 230.325

Protanomaly
91, 2.618, 282.678

Deuteranomaly
91, 7.379, 329.250

Tritanomaly
91, 7.234, 268.322

Monochromacy



Original Color
91, 4.033, 230.325

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.745, 236.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.033, 230.325 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(221, 231, 235)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 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(221, 231, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.033, 230.325 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(221, 231, 235) }
```

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

```
.border{ border-color:rgb(221, 231, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 231, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.033, 230.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 231, 235) }
```

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

```
.background{ background-color: rgb(221,  
231, 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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