

Converting Colors

CIELCh(90, 3.404, 266.066)

Have a look what the booklet for
CIELCh(90, 3.404, 266.066) contains.

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Color

CIELCh(90, 3.404, 266.066)

Conversions

Conversions Part 1

Format	Color
Hex	DFE3E9
RGB	223, 227, 233
RGB Percent	87%, 89%, 91%
CMY	0.1265, 0.1108, 0.0873
CMYK	0.04, 0.03, 0.00, 0.09
HSL	216°, 18%, 89%
HSV	216°, 4%, 91%
XYZ	72.4129, 76.3034, 87.7994
YIQ	226.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

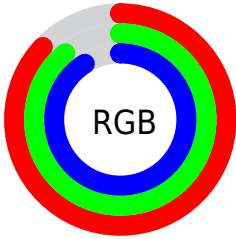
Format	Color
R _Y B	223, 226, 233
Decimal	14672873
CIE Lab	90.00, -0.23, -3.40
CIE LCh	90, 3.404, 266.066
Yxy	76.3034, 0.3062, 0.3226
Android (android.graphics.Color)	4292862953 (0xFFDFE3E9)
YUV	226.4880, 3.2104, -3.0590
Hunter-Lab	87.3518, -4.8927, 1.5525

Details

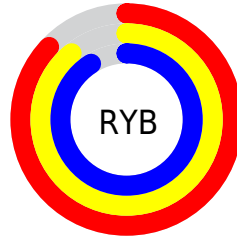
The CIELCh color `90, 3.404, 266.066` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 3.400, 84.749`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 3.091, 261.927` is the 20% darker color. If you saturate the color by 10%, you get `85, 11.343, 267.410`, and if you desaturate by 10%, it is `95, 4.477, 84.627`.

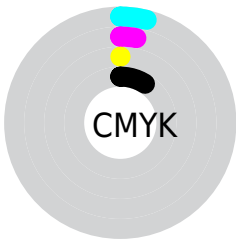
Distribution



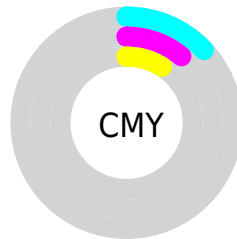
- Red (87%)
- Green (89%)
- Blue (91%)



- Red (87%)
- Yellow (89%)
- Blue (91%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 3.404, 266.066 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 90, 3.404, 266.066 by changing the saturation by 10% instead.

■ 90, 3.404, 266.066

■ 90, 3.404, 266.066

■ 100, 3.404,
266.066

■ 80, 3.404, 266.066

■ 70, 3.404, 266.066

■ 60, 3.404, 266.066

■ 50, 3.404, 266.066

■ 40, 3.404, 266.066

■ 30, 3.404, 266.066

■ 20, 3.404, 266.066

■ 10, 3.404, 266.066

■ 0, 3.404, 266.066

90, 3.404, 266.066

90, 3.404, 266.066

85, 11.343,
267.410

95, 4.477, 84.627

80, 19.333,
269.091

99, 11.095,
108.677

74, 27.367,
271.076

99, 11.272,
109.325

69, 35.448,
273.413

64, 43.591,
276.146

59, 51.836,
279.301

55, 60.238,
282.863

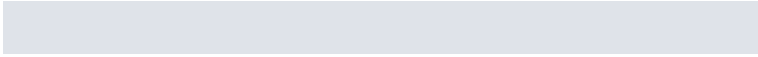
50, 68.853,
286.747

■ 46, 77.683,
290.784

Harmonies

Complementary

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



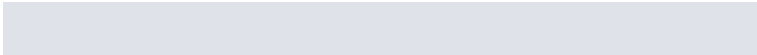
90, 3.404, 266.066



91, 3.400, 84.749

Rectangle

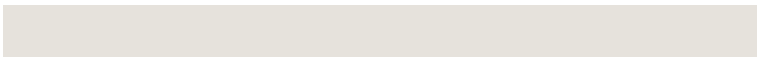
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 3.404, 266.066



90, 3.404, 316.066



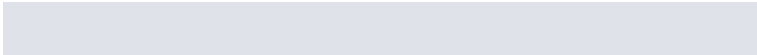
90, 3.404, 86.066



90, 3.404, 136.066

Sweetspot

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



90, 3.403, 266.033



99, 0.859, 265.915



91, 4.168, 168.142



53, 0.489, 265.929



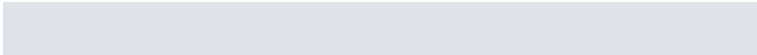
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 3.403, 266.033



97, 4.264, 266.117



89, 5.228, 293.829



48, 2.717, 266.196



34, 67.426, 292.330



7, 24.407, 285.001

Inverse Universe

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



90, 4.169, 349.655



97, 5.230, 349.739



92, 5.160, 113.091



47, 3.336, 349.811



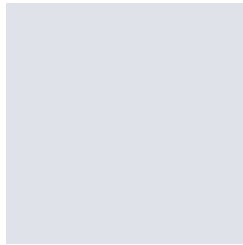
38, 65.565, 11.550



7, 27.961, 2.834

Previews

White Background



This preview shows how the CIELCh color 90, 3.404, 266.066 looks on a white background.

Color Contrast Check

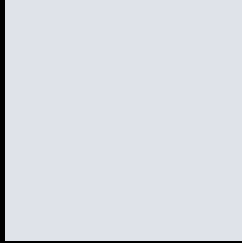
Large Text (above 18pt) WCAG AA × Fail

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 90, 3.404, 266.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

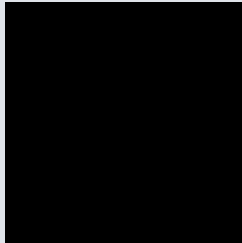
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

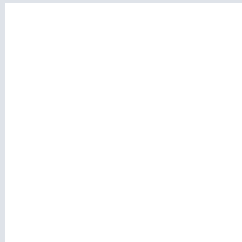
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 3.404, 266.066

Background



This preview shows how black text looks on a background with the CIELCh color 90, 3.404, 266.066.

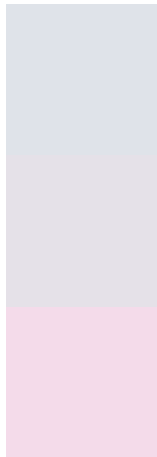


This preview shows how white text looks on a background with the CIELCh color 90, 3.404, 266.066.

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

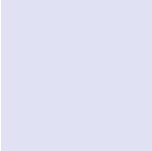
90, 3.404, 266.066

Protanopia

90, 3.929, 311.610

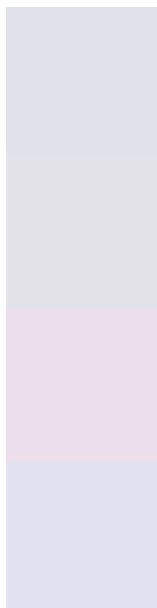
Deuteranopia

90, 11.897, 339.379



Tritanopia
90, 9.365, 288.830

Trichromacy



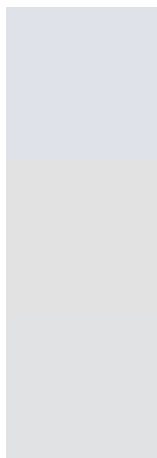
Original Color
90, 3.404, 266.066

Protanomaly
90, 3.150, 296.893

Deuteranomaly
90, 8.024, 328.923

Tritanomaly
90, 6.785, 284.851

Monochromacy



Original Color
90, 3.404, 266.066

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.102, 271.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 3.404, 266.066 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, 227, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 227, 233)  
}
```

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, 227, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 227, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 3.404, 266.066 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, 227, 233) }
```

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

```
.border{ border-color:rgb(223, 227, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 227, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 227,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 3.404, 266.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 227, 233) }
```

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

```
.background{ background-color: rgb(223,  
227, 233) }
```

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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