

Converting Colors

CIELCh(92, 5.431, 271.952)

Have a look what the booklet for
CIELCh(92, 5.431, 271.952) contains.

CIELCh(92, 5.433, 271.970)	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(92, 5.433, 271.970)

Conversions

Conversions Part 1

Format	Color
Hex	E3E8F2
RGB	227, 232, 242
RGB Percent	89%, 91%, 95%
CMY	0.1086, 0.0889, 0.0497
CMYK	0.06, 0.04, 0.00, 0.05
HSL	220°, 37%, 92%
HSV	220°, 6%, 95%
XYZ	76.7995, 80.7044, 95.7869
YIQ	231.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

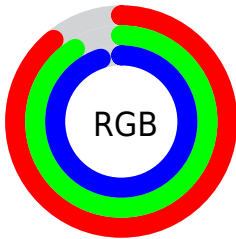
Format	Color
R _Y B	227, 231, 242
Decimal	14936306
CIE Lab	92.00, 0.19, -5.43
CIE LCh	92, 5.433, 271.970
Yxy	80.7044, 0.3032, 0.3186
Android (android.graphics.Color)	4293126386 (0xFFE3E8F2)
YUV	231.6450, 5.1050, -4.0737
Hunter-Lab	89.8356, -4.6147, -0.3328

Details

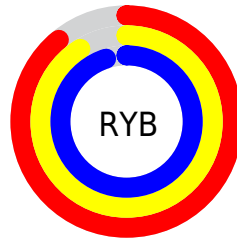
The CIELCh color **92, 5.433, 271.970** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 5.421, 90.287**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 5.616, 275.714** is the 20% darker color. If you saturate the color by 10%, you get **86, 14.301, 273.374**, and if you desaturate by 10%, it is **98, 3.297, 90.566**.

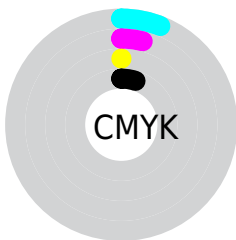
Distribution



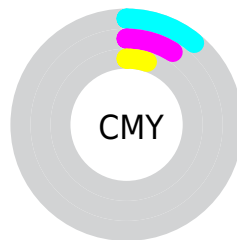
- Red (89%)
- Green (91%)
- Blue (95%)



- Red (89%)
- Yellow (91%)
- Blue (95%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.433, 271.970 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 92, 5.433, 271.970 by changing the saturation by 10% instead.

■ 92, 5.433, 271.970

■ 92, 5.433, 271.970

■ 100, 5.433,
271.970

■ 82, 5.433, 271.970

■ 72, 5.433, 271.970

■ 62, 5.433, 271.970

■ 52, 5.433, 271.970

■ 42, 5.433, 271.970

■ 32, 5.433, 271.970

■ 22, 5.433, 271.970

■ 12, 5.433, 271.970

■ 2, 5.433, 271.970

92, 5.433, 271.970

92, 5.433, 271.970

86, 14.301,
273.374

98, 3.297, 90.566

80, 23.314,
275.068

100, 6.416,
109.686

75, 32.478,
277.059

69, 41.812,
279.388

63, 51.348,
282.092

58, 61.128,
285.179

52, 71.186,
288.606

48, 81.492,
292.253

■ 43, 91.864,
295.912

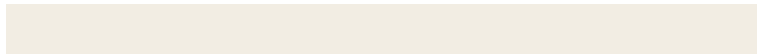
Harmonies

Complementary

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



92, 5.433, 271.970



94, 5.421, 90.287

Rectangle

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



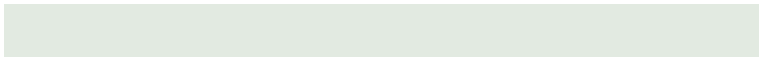
92, 5.433, 271.970



92, 5.433, 321.970



92, 5.433, 91.970



92, 5.433, 141.970

Sweetspot

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



92, 5.431, 271.951



99, 1.829, 271.512



94, 5.946, 172.116



53, 1.040, 271.508



0, 0.000, 0.000



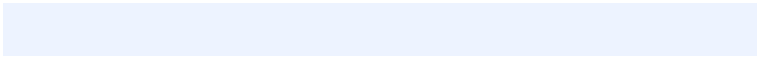
53, 0.007, 296.813

Same Dimension

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



92, 5.431, 271.951



96, 6.402, 272.057



91, 7.842, 296.536



49, 4.024, 272.132



32, 77.230, 296.607



7, 29.416, 290.676

Inverse Universe

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



92, 5.987, 354.163



95, 7.065, 354.254



95, 7.722, 115.599



48, 4.444, 354.316



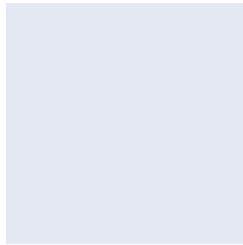
39, 68.229, 18.055



9, 29.625, 8.983

Previews

White Background



This preview shows how the CIELCh color 92, 5.433, 271.970 looks on a white background.

Color Contrast Check

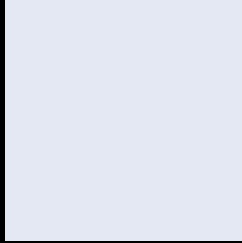
Large Text (above 18pt) WCAG AA × Fail

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 92, 5.433, 271.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

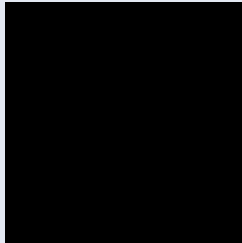
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

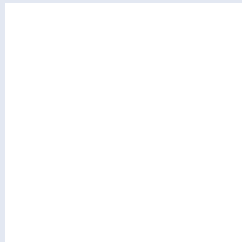
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.433, 271.970

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.433, 271.970.

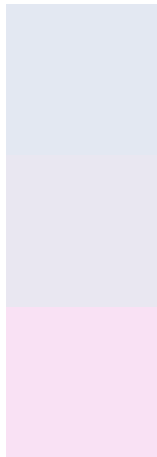


This preview shows how white text looks on a background with the CIELCh color 92, 5.433, 271.970.

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

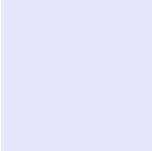
92, 5.433, 271.970

Protanopia

92, 5.238, 298.277

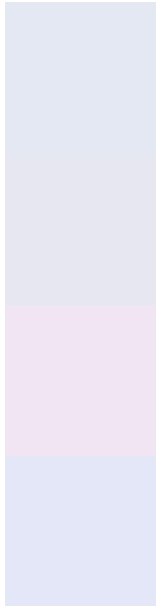
Deuteranopia

92, 13.032, 331.402



Tritanopia
92, 9.358, 284.612

Trichromacy



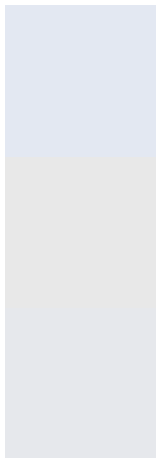
Original Color
92, 5.433, 271.970

Protanomaly
92, 5.181, 290.603

Deuteranomaly
92, 9.059, 321.028

Tritanomaly
92, 8.331, 283.724

Monochromacy



Original Color
92, 5.433, 271.970

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.183, 271.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.433, 271.970 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(227, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 232, 242)  
}
```

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(227, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 232, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.433, 271.970 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(227, 232, 242) }
```

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

```
.border{ border-color:rgb(227, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 232,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.433, 271.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 232, 242) }
```

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

```
.background{ background-color: rgb(227,  
232, 242) }
```

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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