

Converting Colors

CIELCh(66, 5.288, 274.696)

Have a look what the booklet for
CIELCh(66, 5.288, 274.696) contains.

CIELCh(66, 5.637, 279.426)	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(66, 5.637, 279.426)

Conversions

Conversions Part 1

Format	Color
Hex	9DA0AA
RGB	157, 160, 170
RGB Percent	62%, 63%, 67%
CMY	0.3834, 0.3716, 0.3324
CMYK	0.08, 0.06, 0.00, 0.33
HSL	226°, 7%, 64%
HSV	226°, 8%, 67%
XYZ	33.8380, 35.3238, 43.1809
YIQ	160.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

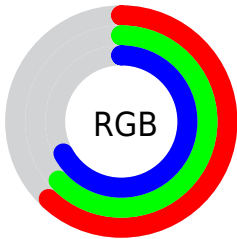
Format	Color
RYB	157, 159, 170
Decimal	10330282
CIELab	66.00, 0.92, -5.56
CIElCh	66, 5.637, 279.426
Yxy	35.3238, 0.3012, 0.3144
Android (android.graphics.Color)	4288520362 (0xFF9DA0AA)
YUV	160.2430, 4.8102, -2.8441
Hunter-Lab	59.4338, -2.3822, -1.4727

Details

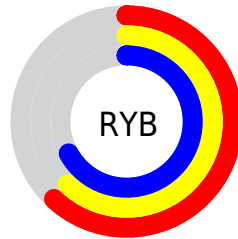
The CIELCh color $66, 5.637, 279.426$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 5.589, 97.584$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 5.340, 279.216$, and $46, 5.455, 278.458$ is the 20% darker color. If you saturate the color by 10%, you get $61, 13.174, 280.754$, and if you desaturate by 10%, it is $71, 1.709, 98.128$.

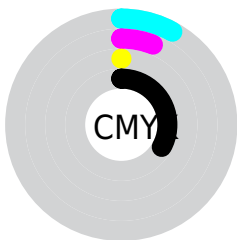
Distribution



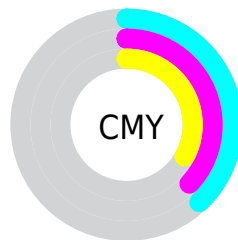
- Red (62%)
- Green (63%)
- Blue (67%)



- Red (62%)
- Yellow (62%)
- Blue (67%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 5.637, 279.426 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 66, 5.637, 279.426 by changing the saturation by 10% instead.

■ 66, 5.637, 279.426

■ 66, 5.637, 279.426

■ 100, 5.637,
279.426

■ 56, 5.637, 279.426

■ 86, 5.637, 279.426

■ 46, 5.637, 279.426

■ 96, 5.637, 279.426

■ 36, 5.637, 279.426

■ 26, 5.637, 279.426

■ 16, 5.637, 279.426

■ 6, 5.637, 279.426

■ 0, 5.637, 279.426

■ 66, 5.637, 279.426

■ 66, 5.637, 279.426

■ 61, 13.174,

■ 71, 1.709, 98.128

280.754

76, 8.871, 97.192

56, 20.919,
282.330

80, 15.858, 96.322

51, 28.890,
284.171

85, 22.677, 95.556

47, 37.109,
286.310

90, 29.333, 94.881

42, 45.603,
288.768

94, 35.459, 97.012

37, 54.378,
291.535

98, 40.999,
105.314

33, 63.383,
294.543

29, 72.420,
297.645

26, 81.055,
300.577

Harmonies

Complementary

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



66, 5.637, 279.426



69, 5.589, 97.584

Rectangle

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



66, 5.637, 279.426



66, 5.637, 329.426



66, 5.637, 99.426



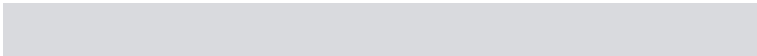
66, 5.637, 149.426

Sweetspot

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



66, 5.636, 279.414



87, 1.824, 278.815



69, 5.150, 180.149



47, 1.046, 278.808



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 5.636, 279.414



83, 8.250, 279.603



65, 7.361, 301.006



33, 4.144, 279.617



21, 74.027, 300.838



1, 7.752, 280.478

Inverse Universe

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



66, 5.287, 1.542



83, 7.755, 1.705



69, 7.243, 120.097



33, 3.896, 1.718



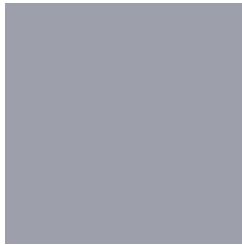
30, 60.213, 25.953



1, 6.866, 3.341

Previews

White Background



This preview shows how the CIELCh color 66, 5.637, 279.426 looks on a white background.

Color Contrast Check

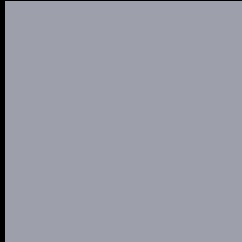
Large Text (above 18pt) WCAG AA × Fail

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 66, 5.637, 279.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

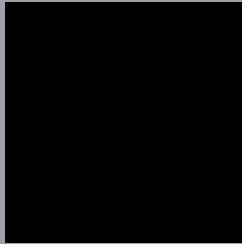
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

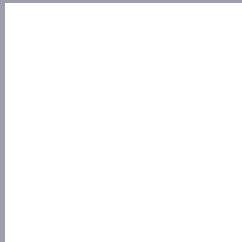
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 5.637, 279.426

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.637, 279.426.



This preview shows how white text looks on a background with the CIELCh color 66, 5.637, 279.426.

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


66, 5.637, 279.426

Protanopia

66, 6.122, 294.299

Deuteranopia

66, 10.093, 324.892



Tritanopia
66, 7.231, 285.109

Trichromacy



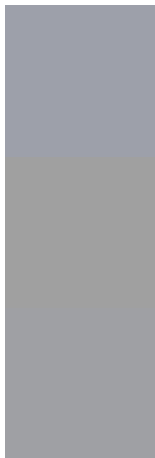
Original Color
66, 5.637, 279.426

Protanomaly
66, 6.106, 290.826

Deuteranomaly
66, 7.842, 313.287

Tritanomaly
66, 6.681, 284.554

Monochromacy



Original Color
66, 5.637, 279.426

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.249, 280.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.637, 279.426 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(157, 160, 170)` looks like.

```
.text, #text, p{  
    color:rgb(157, 160, 170)  
}
```

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(157, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 160, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.637, 279.426 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(157, 160, 170) }
```

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

```
.border{ border-color:rgb(157, 160, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 160, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(157, 160,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.637, 279.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 160, 170) }
```

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

```
.background{ background-color: rgb(157,  
160, 170) }
```

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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