

Converting Colors

CIELCh(66, 12.107, 269.531)

Have a look what the booklet for
CIELCh(66, 12.107, 269.531)
contains.

CIELCh(66, 12.281, 271.185)	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, 12.281, 271.185)

Conversions

Conversions Part 1

Format	Color
Hex	95A1B6
RGB	149, 161, 182
RGB Percent	58%, 63%, 71%
CMY	0.4151, 0.3681, 0.2857
CMYK	0.18, 0.12, 0.00, 0.29
HSL	218°, 18%, 65%
HSV	218°, 18%, 71%
XYZ	33.6467, 35.3238, 49.3779
YIQ	159.8060, -13.8930, 3.9870

Conversions

Conversions Part 2

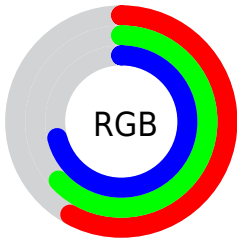
Format	Color
RYB	149, 158, 182
Decimal	9806262
CIELab	66.00, 0.25, -12.28
CIElCh	66, 12.281, 271.185
Yxy	35.3238, 0.2843, 0.2985
Android (android.graphics.Color)	4287996342 (0xFF95A1B6)
YUV	159.8060, 10.9416, -9.4769
Hunter-Lab	59.4338, -2.9569, -7.6547

Details

The CIELCh color $66, 12.281, 271.185$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 12.407, 86.320$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 12.260, 270.031$, and $46, 11.995, 270.039$ is the 20% darker color. If you saturate the color by 10%, you get $62, 19.164, 272.911$, and if you desaturate by 10%, it is $70, 5.475, 269.717$.

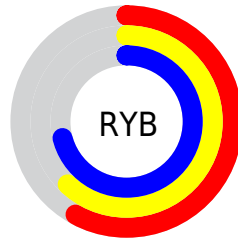
Distribution



Red (58%)

Green (63%)

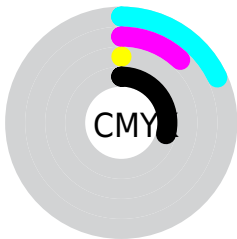
Blue (71%)



Red (58%)

Yellow (62%)

Blue (71%)

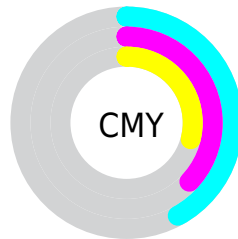


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (29%)



Cyan (42%)


Magenta (37%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 12.281, 271.185 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, 12.281, 271.185 by changing the saturation by 10% instead.


 66, 12.281,
271.185


 66, 12.281,
271.185


 100, 12.281,
271.185


 56, 12.281,
271.185


 86, 12.281,
271.185

 46, 12.281,
271.185

 96, 12.281,
271.185

 36, 12.281,
271.185

 26, 12.281,
271.185

 16, 12.281,
271.185

 6, 12.281, 271.185

 0, 12.281, 271.185

66, 12.281,
271.185

66, 12.281,
271.185

62, 19.164,
272.911

70, 5.475, 269.717

75, 1.250, 88.198

57, 26.130,
274.941

79, 7.889, 87.258

53, 33.189,
277.314

84, 14.439, 86.311

48, 40.364,
280.064

88, 20.895, 85.475

92, 26.726, 87.379

44, 47.690,
283.200

95, 30.963, 98.590

40, 55.203,
286.684

98, 36.060,
106.724

37, 62.910,
290.405

98, 36.592,
107.388

33, 70.740,

294.131

■ 32, 72.219,
294.774

Harmonies

Complementary

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



66, 12.281, 271.185



70, 12.407, 86.320

Rectangle

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



66, 12.281, 271.185



66, 12.281, 321.185



66, 12.281, 91.185



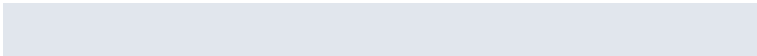
66, 12.281, 141.185

Sweetspot

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



66, 12.280, 271.180



91, 4.173, 269.335



71, 13.864, 169.856



48, 2.871, 269.419



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 12.280, 271.180



82, 18.519, 271.882



63, 18.587, 296.959



36, 3.846, 269.881



27, 63.443, 294.291



3, 11.526, 276.229

Inverse Universe

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



65, 14.410, 353.431



80, 21.812, 353.914



73, 17.859, 114.034



36, 4.471, 352.502



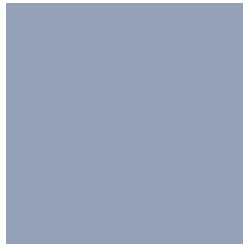
33, 58.992, 14.374



2, 11.457, 358.364

Previews

White Background



This preview shows how the CIELCh color 66, 12.281, 271.185 looks on a white background.

Color Contrast Check

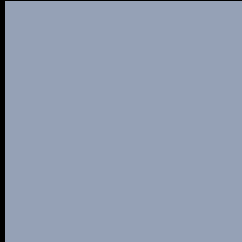
Large Text (above 18pt) WCAG AA × Fail

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 66, 12.281, 271.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

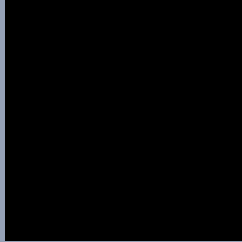
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

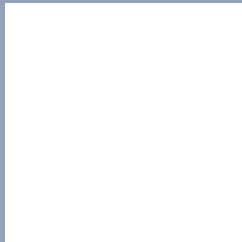
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 12.281, 271.185

Background



This preview shows how black text looks on a background with the CIELCh color 66, 12.281, 271.185.



This preview shows how white text looks on a background with the CIELCh color 66, 12.281, 271.185.

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

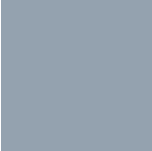
66, 12.281, 271.185

Protanopia

66, 12.210, 288.082

Deuteranopia

66, 15.398, 303.892



Tritanopia
66, 8.683, 255.475

Trichromacy



Original Color
66, 12.281, 271.185

Protanomaly
66, 11.789, 280.918

Deuteranomaly
66, 13.888, 293.097

Tritanomaly
66, 10.059, 261.318

Monochromacy



Original Color
66, 12.281, 271.185

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.655, 272.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 12.281, 271.185 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(149, 161, 182)` looks like.

```
.text, #text, p{  
    color:rgb(149, 161, 182)  
}
```

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(149, 161, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 161, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 12.281, 271.185 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(149, 161, 182) }
```

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

```
.border{ border-color:rgb(149, 161, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 161, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 161, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 161, 182); box-shadow:4px 4px 4px 4px rgb(149, 161, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 12.281, 271.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 161, 182) }
```

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

```
.background{ background-color: rgb(149,  
161, 182) }
```

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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