

Converting Colors

CIELCh(11, 62.906, 309.625)

Have a look what the booklet for
CIELCh(11, 62.906, 309.625)
contains.

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Color

CIELCh(11, 62.790, 309.593)

Conversions

Conversions Part 1

Format	Color
Hex	230162
RGB	35, 1, 98
RGB Percent	14%, 0%, 38%
CMY	0.8627, 0.9961, 0.6157
CMYK	0.64, 0.99, 0.00, 0.62
HSL	261°, 98%, 19%
HSV	261°, 99%, 38%
XYZ	2.9088, 1.2610, 11.6460
YIQ	22.2240, -10.8730, 37.3750

Conversions

Conversions Part 2

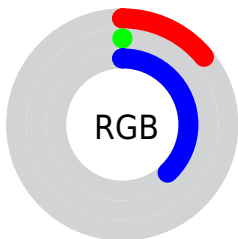
Format	Color
RYB	35, 1, 98
Decimal	2294114
CIELab	11.00, 40.02, -48.39
CIELCh	11, 62.790, 309.593
Yxy	1.2610, 0.1839, 0.0797
Android (android.graphics.Color)	4280484194 (0xFF230162)
YUV	22.2240, 37.3576, 11.2046
Hunter-Lab	11.2295, 26.5861, -53.6289

Details

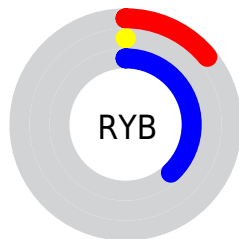
The CIELCh color **11, 62.790, 309.593** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **38, 50.864, 121.269**, and the grayscale version is **7, 0.002, 296.812**.

A 20% lighter version of the original color is **31, 62.832, 309.539**, and **3, 31.503, 295.205** is the 20% darker color. If you saturate the color by 10%, you get **11, 63.374, 309.668**, and if you desaturate by 10%, it is **13, 57.674, 309.173**.

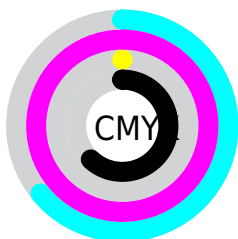
Distribution



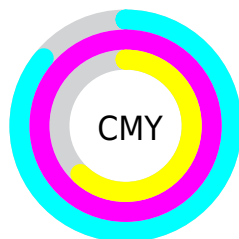
- Red (14%)
- Green (0%)
- Blue (38%)



- Red (14%)
- Yellow (0%)
- Blue (38%)



- Cyan (64%)
- Magenta (99%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 62.790, 309.593 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 11, 62.790, 309.593 by changing the saturation by 10% instead.

■ 11, 62.790,
309.593

■ 11, 62.790,
309.593

■ 100, 62.790,
309.593

■ 1, 62.790, 309.593

■ 31, 62.790,
309.593

■ 0, 62.790, 309.593

■ 41, 62.790,
309.593


■ 51, 62.790,
309.593


■ 61, 62.790,
309.593


■ 71, 62.790,
309.593


■ 81, 62.790,


309.593


 91, 62.790,
309.593


 11, 62.790,
309.593


 11, 62.790,
309.593


 11, 63.374,
309.668

 13, 57.674,
309.173

 16, 52.235,
308.800

 18, 45.905,
308.200

 22, 39.129,
307.487

 25, 32.207,
306.742

■ 28, 25.316,
306.013

■ 32, 18.553,
305.328

■ 35, 11.966,
304.701

■ 38, 5.574, 304.134

Harmonies

Complementary

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



11, 62.790, 309.593



38, 50.864, 121.269

Rectangle

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



11, 62.790, 309.593



11, 62.790, 359.593



11, 62.790, 129.593



11, 62.790, 179.593

Sweetspot

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



11, 62.791, 309.594



41, 23.915, 305.455



25, 25.331, 261.021



18, 16.241, 305.647



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



11, 62.791, 309.594



16, 76.679, 309.361



19, 57.662, 322.826



18, 3.449, 304.128



13, 69.857, 309.501



34, 123.036, 308.882

Inverse Universe

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



20, 44.777, 346.984



27, 53.905, 347.922



36, 58.021, 134.726



18, 3.165, 336.954



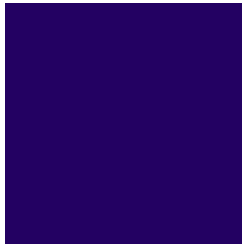
23, 49.318, 347.566



53, 85.205, 349.244

Previews

White Background



This preview shows how the CIELCh color 11, 62.790, 309.593 looks on a white background.

Color Contrast Check

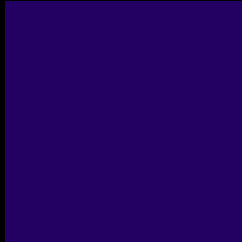
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 11, 62.790, 309.593 looks on a black 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

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

CIELCh 11, 62.790, 309.593

Background



This preview shows how black text looks on a background with the CIELCh color 11, 62.790, 309.593.



This preview shows how white text looks on a background with the CIELCh color 11, 62.790, 309.593.

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

11, 62.790, 309.593

Protanopia

12, 26.399, 281.202

Deuteranopia

13, 18.395, 263.791



Tritanopia
12, 12.837, 206.446

Trichromacy



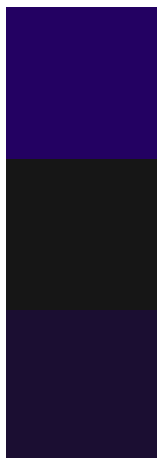
Original Color
11, 62.790, 309.593

Protanomaly
10, 41.767, 299.157

Deuteranomaly
10, 36.279, 296.702

Tritanomaly
10, 27.268, 292.102

Monochromacy



Original Color
11, 62.790, 309.593

Achromatopsia
7, 0.002, 296.812

Achromatomaly
7, 27.153, 307.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 62.790, 309.593 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(35, 1, 98)` looks like.

```
.text, #text, p{  
    color:rgb(35, 1, 98)  
}
```

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(35, 1, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 1, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 62.790, 309.593 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(35, 1, 98) }
```

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

```
.border{ border-color:rgb(35, 1, 98) }
```

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

Here you see how a box with a 4 pixel rgb(35, 1, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 1, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 1, 98); box-shadow:4px  
4px 4px 4px rgb(35, 1, 98) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 62.790, 309.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 1, 98) }
```

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

```
.background{ background-color: rgb(35, 1,  
98) }
```

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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