

Converting Colors

CIELCh(62, 40.391, 290.959)

Have a look what the booklet for
CIELCh(62, 40.391, 290.959)
contains.

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Color

CIELCh(62, 40.388, 290.958)

Conversions

Conversions Part 1

Format	Color
Hex	8991D9
RGB	137, 145, 217
RGB Percent	54%, 57%, 85%
CMY	0.4643, 0.4329, 0.1507
CMYK	0.37, 0.33, 0.00, 0.15
HSL	234°, 51%, 69%
HSV	234°, 37%, 85%
XYZ	32.7839, 30.4025, 69.4961
YIQ	150.8160, -27.8800, 20.6960

Conversions

Conversions Part 2

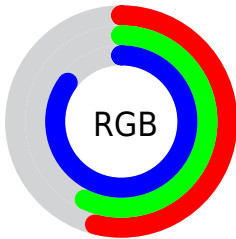
Format	Color
RYB	137, 144, 217
Decimal	9015769
CIELab	62.00, 14.45, -37.72
CIELCh	62, 40.388, 290.958
Yxy	30.4025, 0.2471, 0.2291
Android (android.graphics.Color)	4287205849 (0xFF8991D9)
YUV	150.8160, 32.6287, -12.1166
Hunter-Lab	55.1385, 9.6392, -36.1317

Details

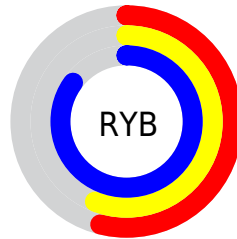
The CIELCh color `62, 40.388, 290.958` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `83, 37.527, 101.851`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 29.761, 289.040`, and `42, 40.404, 290.750` is the 20% darker color. If you saturate the color by 10%, you get `55, 52.349, 292.943`, and if you desaturate by 10%, it is `69, 28.890, 289.250`.

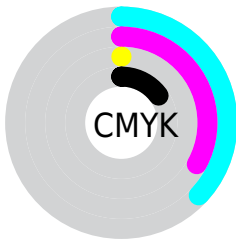
Distribution



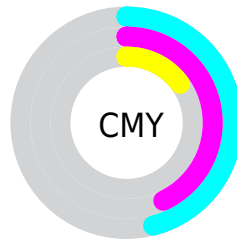
- Red (54%)
- Green (57%)
- Blue (85%)



- Red (54%)
- Yellow (56%)
- Blue (85%)



- Cyan (37%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)





- Cyan (46%)
- Magenta (43%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 40.388, 290.958 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 62, 40.388, 290.958 by changing the saturation by 10% instead.


 62, 40.388,
290.958


 62, 40.388,
290.958


 100, 40.388,
290.958


 52, 40.388,
290.958


 82, 40.388,
290.958

 42, 40.388,
290.958

 92, 40.388,
290.958

 32, 40.388,
290.958

 22, 40.388,
290.958

 12, 40.388,
290.958

 2, 40.388, 290.958

 0, 40.388, 290.958

■ 62, 40.388,
290.958

■ 62, 40.388,
290.958

■ 55, 52.349,
292.943

■ 69, 28.890,
289.250

■ 49, 64.766,
295.207

■ 75, 17.831,
287.793

■ 43, 77.515,
297.701

■ 82, 7.175, 286.560

■ 37, 90.200,
300.288

■ 89, 3.108, 105.448

■ 32, 101.925,
302.723

■ 95, 13.048,
104.568

■ 29, 111.231,
304.682

■ 99, 19.424,
108.708

■ 28, 113.399,
305.115

Harmonies

Complementary

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



62, 40.388, 290.958



83, 37.527, 101.851

Rectangle

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



62, 40.388, 290.958



62, 40.388, 340.958



62, 40.388, 110.958



62, 40.388, 160.958

Sweetspot

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



62, 40.387, 290.958



92, 13.091, 287.049



81, 26.779, 186.783



48, 8.817, 287.217



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 40.387, 290.958



67, 55.753, 292.415



63, 46.065, 307.123



42, 5.847, 286.846



21, 94.160, 304.857



2, 25.661, 291.715

Inverse Universe

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



65, 32.712, 15.278



72, 45.301, 16.624



83, 43.063, 122.984



42, 4.581, 11.844



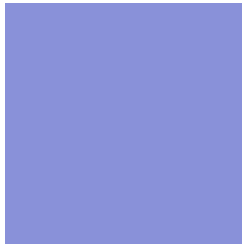
35, 73.219, 35.565



5, 21.967, 15.296

Previews

White Background



This preview shows how the CIELCh color 62, 40.388, 290.958 looks on a white background.

Color Contrast Check

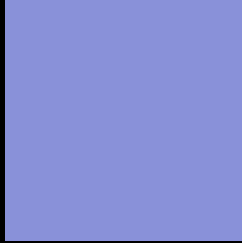
Large Text (above 18pt) WCAG AA × Fail

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 62, 40.388, 290.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

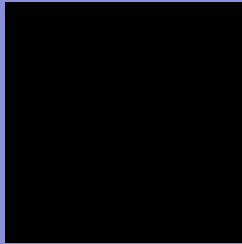
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 40.388, 290.958

Background



This preview shows how black text looks on a background with the CIELCh color 62, 40.388, 290.958.



This preview shows how white text looks on a background with the CIELCh color 62, 40.388, 290.958.

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


62, 40.388, 290.958

Protanopia

62, 40.600, 285.624

Deuteranopia

62, 38.538, 283.094



Tritanopia
62, 12.336, 235.148

Trichromacy



Original Color
62, 40.388, 290.958

Protanomaly
62, 40.497, 287.638

Deuteranomaly
62, 38.897, 285.822

Tritanomaly
62, 20.198, 270.822

Monochromacy



Original Color
62, 40.388, 290.958

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 14.625, 287.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 40.388, 290.958 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(137, 145, 217)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 217)  
}
```

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(137, 145, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 40.388, 290.958 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(137, 145, 217) }
```

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

```
.border{ border-color:rgb(137, 145, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 217);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 40.388, 290.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 217) }
```

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

```
.background{ background-color: rgb(137,  
145, 217) }
```

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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