

Converting Colors

CIELCh(62, 73.480, 128.756)

Have a look what the booklet for
CIELCh(62, 73.480, 128.756)
contains.

CIELCh(62, 73.314, 128.642)	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(62, 73.314, 128.642)

Conversions

Conversions Part 1

Format	Color
Hex	5BA820
RGB	91, 168, 32
RGB Percent	36%, 66%, 13%
CMY	0.6425, 0.3405, 0.8737
CMYK	0.46, 0.00, 0.81, 0.34
HSL	94°, 68%, 39%
HSV	94°, 81%, 66%
XYZ	18.6266, 30.4025, 6.2670
YIQ	129.4730, -2.2360, -58.6200

Conversions

Conversions Part 2

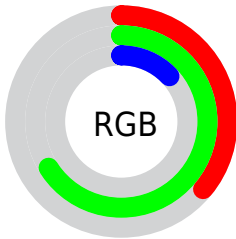
Format	Color
RYB	32, 168, 109
Decimal	6006816
CIELab	62.00, -45.78, 57.26
CIELCh	62, 73.314, 128.642
Yxy	30.4025, 0.3369, 0.5498
Android (android.graphics.Color)	4284196896 (0xFF5BA820)
YUV	129.4730, -48.0542, -33.7408
Hunter-Lab	55.1385, -36.1924, 31.8581

Details

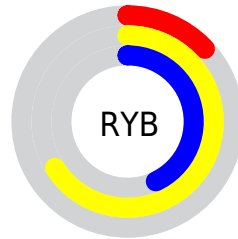
The CIELCh color **62, 73.314, 128.642** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **32, 80.453, 314.329**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 73.315, 128.565**, and **42, 64.339, 133.454** is the 20% darker color. If you saturate the color by 10%, you get **62, 78.243, 129.185**, and if you desaturate by 10%, it is **63, 66.687, 128.518**.

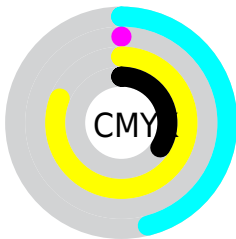
Distribution



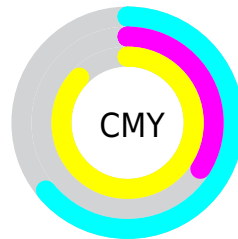
- Red (36%)
- Green (66%)
- Blue (13%)



- Red (13%)
- Yellow (66%)
- Blue (43%)



- Cyan (46%)
- Magenta (0%)
- Yellow (81%)
- Black (34%)




- Cyan (64%)
- Magenta (34%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 73.314, 128.642 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, 73.314, 128.642 by changing the saturation by 10% instead.


 62, 73.314,
128.642

 62, 73.314,
128.642


 100, 73.314,
128.642


 52, 73.314,
128.642


 82, 73.314,
128.642

 42, 73.314,
128.642

 92, 73.314,
128.642

 32, 73.314,
128.642

 22, 73.314,
128.642

 12, 73.314,
128.642

 2, 73.314, 128.642

 0, 73.314, 128.642

■ 62, 73.314,
128.642

■ 62, 73.314,
128.642

■ 62, 78.243,
129.185

■ 63, 66.687,
128.518

■ 61, 81.441,
129.957

■ 63, 58.755,
128.690

■ 64, 49.922,
129.042

■ 65, 40.509,
129.487

■ 66, 30.753,
129.967

■ 67, 20.817,
130.445

■ 68, 10.819,
130.906

■ 69, 0.838, 131.463

Harmonies

Complementary

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



62, 73.314, 128.642



32, 80.453, 314.329

Rectangle

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



62, 73.314, 128.642



62, 73.314, 178.642



62, 73.314, 308.642



62, 73.314, 358.642

Sweetspot

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



62, 73.314, 128.643



84, 29.733, 130.275



51, 52.317, 69.451



44, 20.384, 130.111



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 73.314, 128.643



78, 98.529, 129.942



60, 79.219, 138.054



35, 5.643, 130.976



54, 73.979, 129.790



5, 10.457, 133.370

Inverse Universe

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



32, 80.453, 314.329



37, 108.726, 313.582



41, 76.282, 329.775



33, 5.708, 311.725



24, 81.827, 313.706



1, 10.128, 308.722

Previews

White Background



This preview shows how the CIELCh color 62, 73.314, 128.642 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, 73.314, 128.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

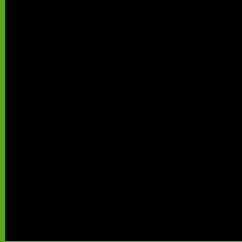
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 73.314, 128.642

Background



This preview shows how black text looks on a background with the CIELCh color 62, 73.314, 128.642.



This preview shows how white text looks on a background with the CIELCh color 62, 73.314, 128.642.

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, 73.314, 128.642

Protanopia

62, 60.576, 94.997

Deuteranopia

61, 55.160, 81.302



Tritanopia
62, 16.454, 222.542

Trichromacy



Original Color
62, 73.314, 128.642

Protanomaly
61, 62.295, 110.076

Deuteranomaly
61, 56.087, 103.394

Tritanomaly
61, 32.166, 149.990

Monochromacy



Original Color
62, 73.314, 128.642

Achromatopsia
54, 0.007, 296.813

Achromatomaly
57, 30.401, 129.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 73.314, 128.642 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(91, 168, 32)` looks like.

```
.text, #text, p{  
    color:rgb(91, 168, 32)  
}
```

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(91, 168, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 168, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 73.314, 128.642 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(91, 168, 32) }
```

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

```
.border{ border-color:rgb(91, 168, 32) }
```

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

Here you see how a box with a 4 pixel rgb(91, 168, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 168, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 168, 32);  
box-shadow:4px 4px 4px 4px rgb(91, 168,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 73.314, 128.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 168, 32) }
```

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

```
.background{ background-color: rgb(91, 168,  
32) }
```

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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