

Converting Colors

CIELCh(62, 77.809, 126.017)

Have a look what the booklet for
CIELCh(62, 77.809, 126.017)
contains.

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Color

CIELCh(62, 77.819, 125.959)

Conversions

Conversions Part 1

Format	Color
Hex	5EA803
RGB	94, 168, 3
RGB Percent	37%, 66%, 1%
CMY	0.6313, 0.3411, 0.9879
CMYK	0.44, 0.00, 0.98, 0.34
HSL	87°, 96%, 34%
HSV	87°, 98%, 66%
XYZ	18.6430, 30.4025, 4.9735
YIQ	127.0640, 8.8610, -67.0030

Conversions

Conversions Part 2

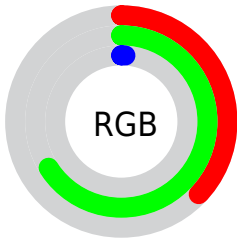
Format	Color
RYB	3, 168, 77
Decimal	6203395
CIELab	62.00, -45.70, 62.99
CIELCh	62, 77.819, 125.959
Yxy	30.4025, 0.3451, 0.5628
Android (android.graphics.Color)	4284393475 (0xFF5EA803)
YUV	127.0640, -61.1636, -28.9971
Hunter-Lab	55.1385, -36.1392, 33.2490

Details

The CIELCh color **62, 77.819, 125.959** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **25, 91.372, 310.922**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 78.017, 125.964**, and **42, 63.983, 133.004** is the 20% darker color. If you saturate the color by 10%, you get **62, 78.406, 126.125**, and if you desaturate by 10%, it is **62, 74.341, 125.046**.

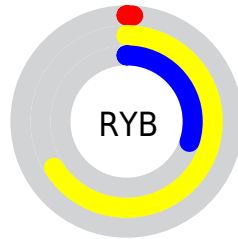
Distribution



Red (37%)

Green (66%)

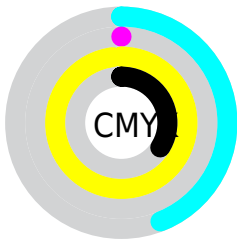
Blue (1%)



Red (1%)

Yellow (66%)

Blue (30%)

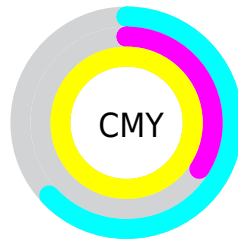


Cyan (44%)

Magenta (0%)

Yellow (98%)

Black (34%)



Cyan (63%)


Magenta (34%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 77.819, 125.959 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, 77.819, 125.959 by changing the saturation by 10% instead.


 62, 77.819,
125.959


 62, 77.819,
125.959


 100, 77.819,
125.959


 52, 77.819,
125.959


 82, 77.819,
125.959


 42, 77.819,
125.959

 92, 77.819,
125.959

 32, 77.819,
125.959

 22, 77.819,
125.959

 12, 77.819,
125.959

 2, 77.819, 125.959

 0, 77.819, 125.959

■ 62, 77.819,
125.959

■ 62, 77.819,
125.959

■ 62, 78.406,
126.125

■ 62, 74.341,
125.046

■ 63, 69.205,
124.552

■ 63, 62.492,
124.457

■ 64, 54.606,
124.639

■ 65, 45.925,
124.992

■ 65, 36.741,
125.436

■ 66, 27.258,
125.921

■ 67, 17.617,

126.412

■ 68, 7.915, 126.894

Harmonies

Complementary

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



62, 77.819, 125.959



25, 91.372, 310.922

Rectangle

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



62, 77.819, 125.959



62, 77.819, 175.959



62, 77.819, 305.959



62, 77.819, 355.959

Sweetspot

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



62, 77.819, 125.960



84, 34.832, 125.854



43, 63.177, 56.009



44, 23.819, 125.654



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, 77.819, 125.960



79, 95.881, 126.427



60, 86.801, 135.779



35, 5.491, 126.841



55, 71.281, 125.951



5, 10.201, 129.892

Inverse Universe

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



25, 91.372, 310.922



33, 112.727, 310.668



38, 84.471, 325.664



33, 5.572, 307.676



21, 83.882, 310.988



1, 9.923, 304.993

Previews

White Background



This preview shows how the CIELCh color 62, 77.819, 125.959 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, 77.819, 125.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

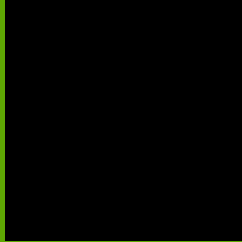
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 77.819, 125.959

Background



This preview shows how black text looks on a background with the CIELCh color 62, 77.819, 125.959.



This preview shows how white text looks on a background with the CIELCh color 62, 77.819, 125.959.

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, 77.819, 125.959

Deuteranopia
62, 59.590, 81.966

Tritanopia
62, 15.823, 225.967

Trichromacy



Original Color
62, 77.819, 125.959

Deuteranomaly
61, 61.602, 101.981

Tritanomaly
61, 35.267, 143.122

Monochromacy



Original Color
62, 77.819, 125.959

Achromatopsia
53, 0.007, 296.813

Achromatomaly
56, 35.362, 125.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 77.819, 125.959 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(94, 168, 3)` looks like.

```
.text, #text, p{  
    color:rgb(94, 168, 3)  
}
```

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(94, 168, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 168, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 77.819, 125.959 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(94, 168, 3) }
```

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

```
.border{ border-color:rgb(94, 168, 3) }
```

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

Here you see how a box with a 4 pixel rgb(94, 168, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 168, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 168, 3);  
box-shadow:4px 4px 4px 4px rgb(94, 168, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 62, 77.819, 125.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 168, 3) }
```

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

```
.background{ background-color: rgb(94, 168,  
3) }
```

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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