

Converting Colors

CIELCh(62, 64.269, 89.371)

Have a look what the booklet for
CIELCh(62, 64.269, 89.371) contains.

CIELCh(62, 64.290, 89.565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 64.290, 89.565)

Conversions

Conversions Part 1

Format	Color
Hex	B3930D
RGB	179, 147, 13
RGB Percent	70%, 58%, 5%
CMY	0.2988, 0.4242, 0.9504
CMYK	0.00, 0.18, 0.93, 0.30
HSL	48°, 87%, 38%
HSV	48°, 93%, 70%
XYZ	29.0227, 30.4025, 4.7074
YIQ	141.2920, 62.0860, -34.8900

Conversions

Conversions Part 2

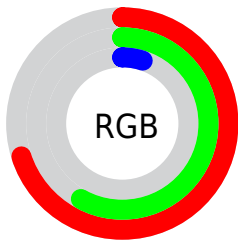
Format	Color
RYB	53, 179, 13
Decimal	11768589
CIELab	62.00, 0.49, 64.29
CIElCh	62, 64.290, 89.565
Yxy	30.4025, 0.4525, 0.4741
Android (android.graphics.Color)	4289958669 (0xFFB3930D)
YUV	141.2920, -63.2480, 33.0699
Hunter-Lab	55.1385, -2.5370, 33.5351

Details

The CIELCh color **62, 64.290, 89.565** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **27, 84.200, 300.890**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 64.468, 89.636**, and **42, 49.571, 88.069** is the 20% darker color. If you saturate the color by 10%, you get **61, 65.708, 88.566**, and if you desaturate by 10%, it is **63, 60.971, 90.918**.

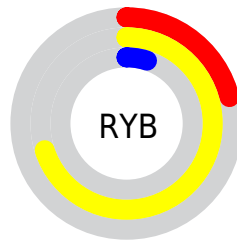
Distribution



Red (70%)

Green (58%)

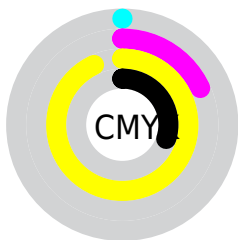
Blue (5%)



Red (21%)

Yellow (70%)

Blue (5%)

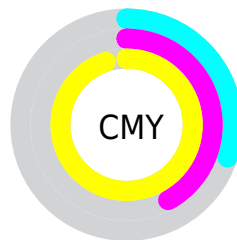


Cyan (0%)

Magenta (18%)

Yellow (93%)

Black (30%)



Cyan (30%)

Magenta (42%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 64.290, 89.565 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, 64.290, 89.565 by changing the saturation by 10% instead.

■ 62, 64.290, 89.565

■ 62, 64.290, 89.565

■ 100, 64.290,
89.565

■ 52, 64.290, 89.565

■ 82, 64.290, 89.565

■ 42, 64.290, 89.565

■ 92, 64.290, 89.565

■ 32, 64.290, 89.565

■ 22, 64.290, 89.565

■ 12, 64.290, 89.565

■ 2, 64.290, 89.565

■ 0, 64.290, 89.565

■ 62, 64.290, 89.565

■ 62, 64.290, 89.565

■ 61, 65.708, 88.566

■ 63, 60.971, 90.918

64, 55.764, 92.189

65, 49.253, 93.427

66, 41.956, 94.651

67, 34.228, 95.865

69, 26.294, 97.066

70, 18.285, 98.247

71, 10.276, 99.397

72, 2.309, 100.472

Harmonies

Complementary

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



62, 64.290, 89.565



27, 84.200, 300.890

Rectangle

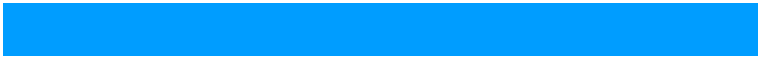
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 64.290, 89.565



62, 64.290, 139.565



62, 64.290, 269.565



62, 64.290, 319.565

Sweetspot

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



62, 64.289, 89.568



87, 27.632, 97.595



38, 67.602, 25.738



46, 19.236, 97.087



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 64.289, 89.568



78, 79.741, 88.286



67, 76.354, 119.222



37, 4.490, 99.800



53, 58.638, 88.766



7, 9.970, 95.685

Inverse Universe

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



27, 84.200, 300.890



33, 111.196, 303.043



25, 95.810, 308.369



35, 4.543, 281.964



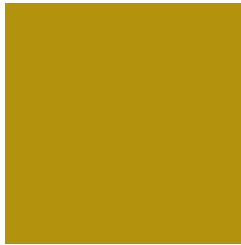
21, 79.576, 302.305



2, 11.401, 283.325

Previews

White Background



This preview shows how the CIELCh color 62, 64.290, 89.565 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, 64.290, 89.565 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, 64.290, 89.565

Background



This preview shows how black text looks on a background with the CIELCh color 62, 64.290, 89.565.

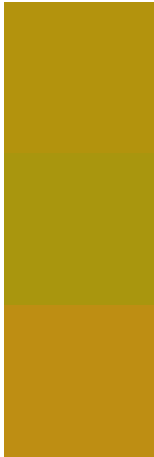


This preview shows how white text looks on a background with the CIELCh color 62, 64.290, 89.565.

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, 64.290, 89.565

Protanopia

62, 63.810, 95.092

Deuteranopia

62, 64.096, 82.567



Tritanopia
62, 20.696, 6.102

Trichromacy



Original Color
62, 64.290, 89.565

Protanomaly
62, 63.897, 92.966

Deuteranomaly
62, 64.066, 85.200

Tritanomaly
62, 31.117, 69.627

Monochromacy



Original Color
62, 64.290, 89.565

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 27.851, 96.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 64.290, 89.565 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(179, 147, 13)` looks like.

```
.text, #text, p{  
    color:rgb(179, 147, 13)  
}
```

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(179, 147, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 147, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 64.290, 89.565 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(179, 147, 13) }
```

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

```
.border{ border-color:rgb(179, 147, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 147, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 147, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 147, 13);  
box-shadow:4px 4px 4px 4px rgb(179, 147,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 64.290, 89.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 147, 13) }
```

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

```
.background{ background-color: rgb(179,  
147, 13) }
```

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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