

Converting Colors

CIELCh(62, 30.323, 92.756)

Have a look what the booklet for
CIELCh(62, 30.323, 92.756) contains.

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Color

CIELCh(62, 30.293, 92.604)

Conversions

Conversions Part 1

Format	Color
Hex	A69560
RGB	166, 149, 96
RGB Percent	65%, 58%, 38%
CMY	0.3494, 0.4161, 0.6239
CMYK	0.00, 0.10, 0.42, 0.35
HSL	45°, 28%, 51%
HSV	45°, 42%, 65%
XYZ	28.5433, 30.4025, 15.4076
YIQ	148.0410, 27.1450, -12.8790

Conversions

Conversions Part 2

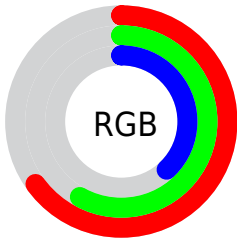
Format	Color
RYB	118, 166, 96
Decimal	10917216
CIELab	62.00, -1.38, 30.26
CIElCh	62, 30.293, 92.604
Yxy	30.4025, 0.3839, 0.4089
Android (android.graphics.Color)	4289107296 (0xFFA69560)
YUV	148.0410, -25.6562, 15.7500
Hunter-Lab	55.1385, -4.0891, 22.0292

Details

The CIELCh color **62, 30.293, 92.604** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **48, 31.435, 284.374**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.419, 92.844**, and **42, 30.330, 91.748** is the 20% darker color. If you saturate the color by 10%, you get **61, 37.404, 91.321**, and if you desaturate by 10%, it is **63, 23.072, 93.868**.

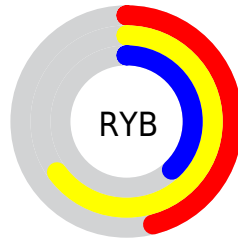
Distribution



Red (65%)

Green (58%)

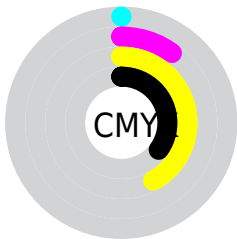
Blue (38%)



Red (46%)

Yellow (65%)

Blue (38%)

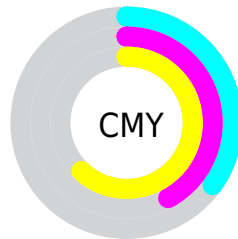


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 30.293, 92.604 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, 30.293, 92.604 by changing the saturation by 10% instead.

62, 30.293, 92.604

62, 30.293, 92.604

100, 30.293,
92.604

52, 30.293, 92.604

82, 30.293, 92.604

42, 30.293, 92.604

92, 30.293, 92.604

32, 30.293, 92.604

22, 30.293, 92.604

12, 30.293, 92.604

2, 30.293, 92.604

0, 30.293, 92.604

62, 30.293, 92.604

62, 30.293, 92.604

61, 37.404, 91.321

63, 23.072, 93.868

■ 59, 44.223, 90.004

■ 65, 15.839, 95.096

■ 58, 50.449, 88.642

■ 66, 8.652, 96.286

■ 57, 55.618, 87.196

■ 68, 1.537, 97.361

■ 56, 59.144, 85.593

■ 69, 5.490, 278.610

■ 55, 60.948, 84.248

■ 71, 12.428,
279.664

■ 72, 19.274,
280.682

■ 74, 26.033,
281.653

■ 76, 32.708,
282.575

Harmonies

Complementary

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



62, 30.293, 92.604



48, 31.435, 284.374

Rectangle

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



62, 30.293, 92.604



62, 30.293, 142.604



62, 30.293, 272.604



62, 30.293, 322.604

Sweetspot

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



62, 30.294, 92.608



84, 11.479, 96.163



49, 30.701, 4.728



45, 8.107, 95.911



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, 30.294, 92.608



78, 45.443, 91.352



65, 38.441, 117.325



35, 4.056, 96.620



49, 56.063, 84.452



5, 6.867, 92.852

Inverse Universe

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



48, 31.435, 284.374



57, 47.912, 286.610



45, 42.216, 303.265



33, 4.089, 278.859



22, 72.928, 300.365



1, 7.667, 279.862

Previews

White Background



This preview shows how the CIELCh color 62, 30.293, 92.604 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, 30.293, 92.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

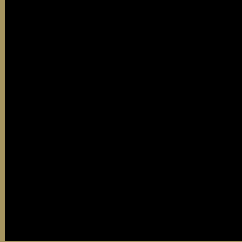
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 30.293, 92.604

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.293, 92.604.



This preview shows how white text looks on a background with the CIELCh color 62, 30.293, 92.604.

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, 30.293, 92.604

Protanopia

62, 30.371, 96.018

Deuteranopia

62, 30.775, 75.047



Tritanopia
62, 13.244, 353.154

Trichromacy



Original Color
62, 30.293, 92.604

Protanomaly
62, 30.464, 95.205

Deuteranomaly
62, 30.025, 80.940

Tritanomaly
62, 12.648, 54.997

Monochromacy



Original Color
62, 30.293, 92.604

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.000, 93.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.293, 92.604 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(166, 149, 96)` looks like.

```
.text, #text, p{  
    color:rgb(166, 149, 96)  
}
```

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(166, 149, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 149, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.293, 92.604 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(166, 149, 96) }
```

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

```
.border{ border-color:rgb(166, 149, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 149, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 149, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 149, 96);  
box-shadow:4px 4px 4px 4px rgb(166, 149,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.293, 92.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 149, 96) }
```

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

```
.background{ background-color: rgb(166,  
149, 96) }
```

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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