

Converting Colors

CIELCh(62, 18.708, 85.445)

Have a look what the booklet for
CIELCh(62, 18.708, 85.445) contains.

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Color

CIELCh(62, 18.771, 85.720)

Conversions

Conversions Part 1

Format	Color
Hex	A59475
RGB	165, 148, 117
RGB Percent	65%, 58%, 46%
CMY	0.3535, 0.4201, 0.5417
CMYK	0.00, 0.10, 0.29, 0.35
HSL	39°, 21%, 55%
HSV	39°, 29%, 65%
XYZ	29.2594, 30.4025, 21.1150
YIQ	149.5490, 20.0830, -6.0370

Conversions

Conversions Part 2

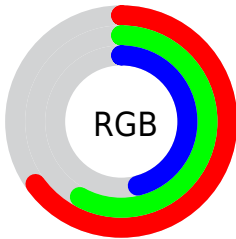
Format	Color
RYB	143, 165, 117
Decimal	10851445
CIELab	62.00, 1.40, 18.72
CIElCh	62, 18.771, 85.720
Yxy	30.4025, 0.3622, 0.3764
Android (android.graphics.Color)	4289041525 (0xFFA59475)
YUV	149.5490, -16.0467, 13.5505
Hunter-Lab	55.1385, -1.7708, 15.8921

Details

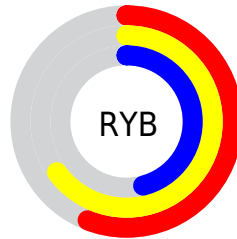
The CIELCh color $62, 18.771, 85.720$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $56, 18.511, 273.848$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.963, 85.430$, and $42, 18.266, 85.109$ is the 20% darker color. If you saturate the color by 10%, you get $60, 25.486, 84.383$, and if you desaturate by 10%, it is $64, 12.181, 87.029$.

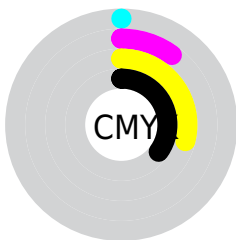
Distribution



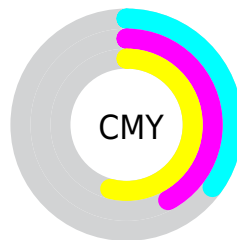
- Red (65%)
- Green (58%)
- Blue (46%)



- Red (56%)
- Yellow (65%)
- Blue (46%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 18.771, 85.720 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, 18.771, 85.720 by changing the saturation by 10% instead.

■ 62, 18.771, 85.720

■ 62, 18.771, 85.720

■ 100, 18.771,
85.720

■ 52, 18.771, 85.720

■ 82, 18.771, 85.720

■ 42, 18.771, 85.720

■ 92, 18.771, 85.720

■ 32, 18.771, 85.720

■ 22, 18.771, 85.720

■ 12, 18.771, 85.720

■ 2, 18.771, 85.720

■ 0, 18.771, 85.720

■ 62, 18.771, 85.720

■ 62, 18.771, 85.720

■ 60, 25.486, 84.383

■ 64, 12.181, 87.029

58, 32.270, 82.999

66, 5.735, 88.276

57, 39.015, 81.564

68, 0.562, 269.934

55, 45.508, 80.048

70, 6.715, 270.751

53, 51.376, 78.383

72, 12.732,
271.864

52, 56.032, 76.441

74, 18.624,
272.936

50, 59.222, 74.161

50, 59.518, 73.970

76, 24.401,
273.959

78, 30.073,
274.931

80, 30.616,
271.886

Harmonies

Complementary

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



62, 18.771, 85.720



56, 18.511, 273.848

Rectangle

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



62, 18.771, 85.720



62, 18.771, 135.720



62, 18.771, 265.720



62, 18.771, 315.720

Sweetspot

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



62, 18.772, 85.727



83, 7.012, 88.270



54, 21.671, 354.514



44, 4.873, 88.101



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 18.772, 85.727



77, 28.127, 84.853



66, 26.311, 113.209



34, 3.533, 88.258



44, 54.267, 74.315



3, 5.160, 84.341

Inverse Universe

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



56, 18.511, 273.848



68, 27.660, 275.137



51, 28.124, 298.096



32, 3.525, 270.665



25, 60.971, 294.658



2, 5.653, 272.122

Previews

White Background



This preview shows how the CIELCh color 62, 18.771, 85.720 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, 18.771, 85.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

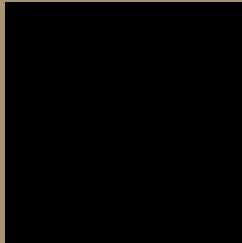
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

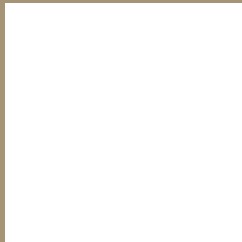
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 18.771, 85.720

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.771, 85.720.



This preview shows how white text looks on a background with the CIELCh color 62, 18.771, 85.720.

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, 18.771, 85.720

Protanopia

62, 18.309, 94.928

Deuteranopia

62, 19.805, 66.789



Tritanopia
62, 11.856, 349.381

Trichromacy



Original Color
62, 18.771, 85.720

Protanomaly
62, 18.142, 90.693

Deuteranomaly
62, 18.822, 72.598

Tritanomaly
62, 9.295, 37.585

Monochromacy



Original Color
62, 18.771, 85.720

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.115, 89.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.771, 85.720 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(165, 148, 117)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 117)  
}
```

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(165, 148, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.771, 85.720 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(165, 148, 117) }
```

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

```
.border{ border-color:rgb(165, 148, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 117);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.771, 85.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 117) }
```

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

```
.background{ background-color: rgb(165,  
148, 117) }
```

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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