

Converting Colors

CIELCh(62, 25.628, 145.582)

Have a look what the booklet for
CIELCh(62, 25.628, 145.582)
contains.

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Color

CIELCh(62, 26.219, 145.460)

Conversions

Conversions Part 1

Format	Color
Hex	77A07B
RGB	119, 160, 123
RGB Percent	47%, 63%, 48%
CMY	0.5341, 0.3734, 0.5184
CMYK	0.26, 0.00, 0.23, 0.37
HSL	126°, 18%, 55%
HSV	126°, 26%, 63%
XYZ	23.6779, 30.4025, 23.2943
YIQ	143.5230, -12.5590, -20.1990

Conversions

Conversions Part 2

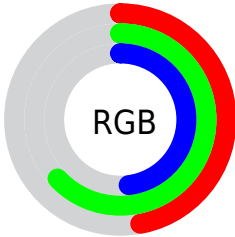
Format	Color
RYB	119, 156, 160
Decimal	7839867
CIELab	62.00, -21.60, 14.87
CIELCh	62, 26.219, 145.460
Yxy	30.4025, 0.3060, 0.3929
Android (android.graphics.Color)	4286029947 (0xFF77A07B)
YUV	143.5230, -10.1178, -21.5067
Hunter-Lab	55.1385, -19.8397, 13.5488

Details

The CIELCh color $62, 26.219, 145.460$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $55, 26.257, 328.654$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 26.099, 145.741$, and $42, 26.137, 145.562$ is the 20% darker color. If you saturate the color by 10%, you get $61, 36.335, 144.568$, and if you desaturate by 10%, it is $63, 15.968, 146.231$.

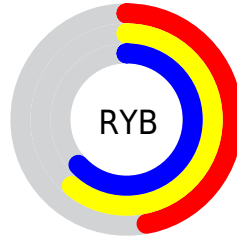
Distribution



Red (47%)

Green (63%)

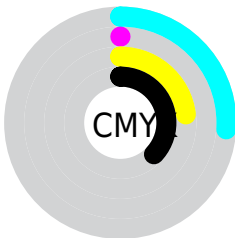
Blue (48%)



Red (47%)

Yellow (61%)

Blue (63%)

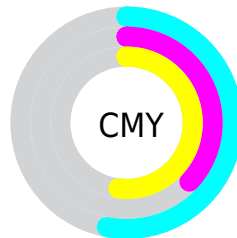


Cyan (26%)

Magenta (0%)

Yellow (23%)

Black (37%)



Cyan (53%)


Magenta (37%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 26.219, 145.460 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, 26.219, 145.460 by changing the saturation by 10% instead.


 62, 26.219,
145.460


 62, 26.219,
145.460


 100, 26.219,
145.460


 52, 26.219,
145.460


 82, 26.219,
145.460

 42, 26.219,
145.460


 92, 26.219,
145.460

 32, 26.219,
145.460

 22, 26.219,
145.460

 12, 26.219,
145.460

 2, 26.219, 145.460

 0, 26.219, 145.460

■ 62, 26.219,
145.460

■ 62, 26.219,
145.460

■ 61, 36.335,
144.568

■ 63, 15.968,
146.231

■ 60, 46.121,
143.544

■ 65, 5.731, 146.914

■ 59, 55.346,
142.387

■ 67, 4.379, 327.379

■ 58, 63.745,
141.118

■ 68, 14.281,
327.899

■ 58, 71.028,
139.787

■ 70, 23.923,
328.319

■ 57, 76.897,
138.485

■ 72, 33.273,
328.680


■ 57, 81.105,
137.343

■ 74, 42.317,
328.992

■ 57, 82.460,

■ 77, 51.051,
329.265

137.001

 78, 58.265,
327.182

Harmonies

Complementary

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



62, 26.219, 145.460



55, 26.257, 328.654

Rectangle

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



62, 26.219, 145.460



62, 26.219, 195.460



62, 26.219, 325.460



62, 26.219, 15.460

Sweetspot

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



62, 26.220, 145.460



81, 10.014, 146.747



65, 22.575, 111.344



43, 7.181, 146.651



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 26.220, 145.460



77, 39.007, 144.947



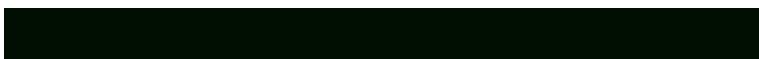
62, 18.180, 166.028



33, 5.698, 146.674



51, 75.742, 137.112



3, 7.453, 147.051

Inverse Universe

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



55, 26.257, 328.654



67, 39.037, 328.997



54, 19.038, 350.867



31, 5.709, 327.696



33, 69.622, 332.447



1, 7.323, 327.819

Previews

White Background



This preview shows how the CIELCh color 62, 26.219, 145.460 looks on a white background.

Color Contrast Check

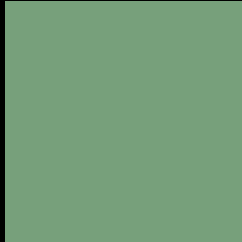
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 26.219, 145.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

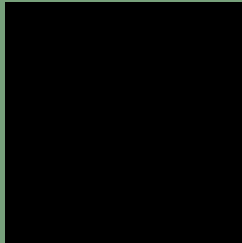
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 26.219, 145.460

Background



This preview shows how black text looks on a background with the CIELCh color 62, 26.219, 145.460.



This preview shows how white text looks on a background with the CIELCh color 62, 26.219, 145.460.

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, 26.219, 145.460

Protanopia
62, 17.790, 94.591

Deuteranopia
62, 15.535, 60.247



Tritanopia
62, 11.515, 234.701

Trichromacy



Original Color
62, 26.219, 145.460

Protanomaly
62, 18.723, 119.502

Deuteranomaly
62, 13.994, 103.561

Tritanomaly
62, 12.361, 182.437

Monochromacy



Original Color
62, 26.219, 145.460

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.429, 147.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 26.219, 145.460 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(119, 160, 123)` looks like.

```
.text, #text, p{  
    color:rgb(119, 160, 123)  
}
```

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(119, 160, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 160, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 26.219, 145.460 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(119, 160, 123) }
```

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

```
.border{ border-color:rgb(119, 160, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 160, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 160, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 160, 123);  
box-shadow:4px 4px 4px 4px rgb(119, 160,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 26.219, 145.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 160, 123) }
```

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

```
.background{ background-color: rgb(119,  
160, 123) }
```

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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