

Converting Colors

CIELCh(62, 32.398, 140.416)

Have a look what the booklet for
CIELCh(62, 32.398, 140.416)
contains.

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Color

CIELCh(62, 32.581, 140.383)

Conversions

Conversions Part 1

Format	Color
Hex	74A170
RGB	116, 161, 112
RGB Percent	45%, 63%, 44%
CMY	0.5448, 0.3683, 0.5605
CMYK	0.28, 0.00, 0.30, 0.37
HSL	115°, 21%, 54%
HSV	115°, 30%, 63%
XYZ	22.8963, 30.4025, 20.0095
YIQ	141.9590, -11.0910, -24.7790

Conversions

Conversions Part 2

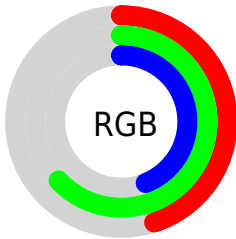
Format	Color
RYB	112, 161, 157
Decimal	7643504
CIELab	62.00, -25.10, 20.78
CIELCh	62, 32.581, 140.383
Yxy	30.4025, 0.3123, 0.4147
Android (android.graphics.Color)	4285833584 (0xFF74A170)
YUV	141.9590, -14.7698, -22.7660
Hunter-Lab	55.1385, -22.3700, 17.0809

Details

The CIELCh color **62, 32.581, 140.383** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **53, 32.736, 323.691**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 32.604, 140.428**, and **42, 32.324, 140.515** is the 20% darker color. If you saturate the color by 10%, you get **61, 43.064, 139.593**, and if you desaturate by 10%, it is **63, 21.876, 141.086**.

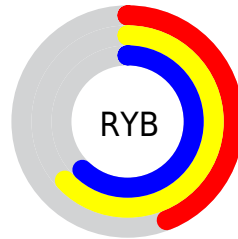
Distribution



Red (45%)

Green (63%)

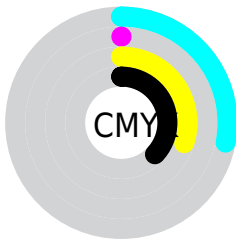
Blue (44%)



Red (44%)

Yellow (63%)

Blue (62%)

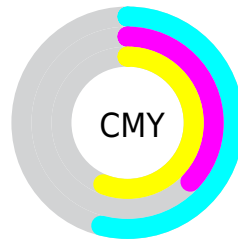


Cyan (28%)

Magenta (0%)

Yellow (30%)

Black (37%)



Cyan (54%)


Magenta (37%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 32.581, 140.383 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, 32.581, 140.383 by changing the saturation by 10% instead.


 62, 32.581,
140.383


 62, 32.581,
140.383


 100, 32.581,
140.383


 52, 32.581,
140.383


 82, 32.581,
140.383

 42, 32.581,
140.383

 92, 32.581,
140.383

 32, 32.581,
140.383

 22, 32.581,
140.383

 12, 32.581,
140.383

 2, 32.581, 140.383

 0, 32.581, 140.383

■ 62, 32.581,
140.383

■ 62, 32.581,
140.383

■ 61, 43.064,
139.593

■ 63, 21.876,
141.086

■ 60, 53.088,
138.729

■ 65, 11.119,
141.703

■ 59, 62.358,
137.830

■ 66, 0.443, 142.666

■ 59, 70.502,
136.972

■ 68, 10.061,
322.633

■ 58, 77.090,
136.267

■ 70, 20.330,
323.023

■ 58, 81.717,
135.844

■ 72, 30.326,
323.349

■ 58, 84.476,
135.608

■ 74, 40.027,
323.625

■ 76, 49.424,
323.859

■ 78, 57.651,
324.625

Harmonies

Complementary

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



62, 32.581, 140.383



53, 32.736, 323.691

Rectangle

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



62, 32.581, 140.383



62, 32.581, 190.383



62, 32.581, 320.383



62, 32.581, 10.383

Sweetspot

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



62, 32.582, 140.383



82, 11.862, 141.775



64, 24.774, 103.479



43, 8.233, 141.696



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, 32.582, 140.383



78, 48.845, 139.817



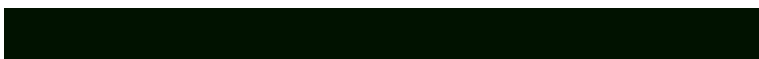
62, 24.614, 156.801



34, 6.094, 141.769



52, 78.301, 135.560



4, 9.477, 142.442

Inverse Universe

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



53, 32.736, 323.691



65, 49.082, 324.023



53, 25.193, 341.922



32, 6.112, 322.657



32, 76.396, 325.112



1, 9.383, 321.535

Previews

White Background



This preview shows how the CIELCh color 62, 32.581, 140.383 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, 32.581, 140.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

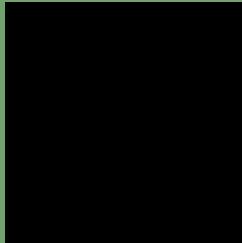
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 32.581, 140.383

Background



This preview shows how black text looks on a background with the CIELCh color 62, 32.581, 140.383.



This preview shows how white text looks on a background with the CIELCh color 62, 32.581, 140.383.

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, 32.581, 140.383

Protanopia
62, 23.917, 95.102

Deuteranopia
62, 20.573, 66.819



Tritanopia
62, 11.785, 233.734

Trichromacy



Original Color
62, 32.581, 140.383

Protanomaly
62, 24.581, 115.307

Deuteranomaly
62, 19.543, 103.054

Tritanomaly
62, 14.525, 172.906

Monochromacy



Original Color
62, 32.581, 140.383

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 11.988, 140.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 32.581, 140.383 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(116, 161, 112)` looks like.

```
.text, #text, p{  
    color:rgb(116, 161, 112)  
}
```

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(116, 161, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 161, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 32.581, 140.383 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(116, 161, 112) }
```

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

```
.border{ border-color:rgb(116, 161, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 161, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 161, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 161, 112);  
box-shadow:4px 4px 4px 4px rgb(116, 161,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 32.581, 140.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 161, 112) }
```

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

```
.background{ background-color: rgb(116,  
161, 112) }
```

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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