

Converting Colors

CIELCh(62, 25.887, 142.885)

Have a look what the booklet for
CIELCh(62, 25.887, 142.885)
contains.

CIELCh(62, 25.799, 142.254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 25.799, 142.254)

Conversions

Conversions Part 1

Format	Color
Hex	7A9F79
RGB	122, 159, 121
RGB Percent	48%, 62%, 47%
CMY	0.5208, 0.3757, 0.5247
CMYK	0.23, 0.00, 0.24, 0.38
HSL	118°, 17%, 55%
HSV	118°, 24%, 62%
XYZ	23.9493, 30.4025, 22.7566
YIQ	143.6050, -9.8540, -19.6620

Conversions

Conversions Part 2

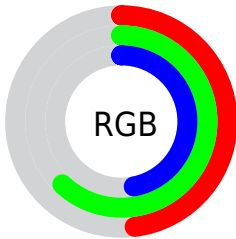
Format	Color
RYB	121, 159, 158
Decimal	8036217
CIELab	62.00, -20.40, 15.79
CIELCh	62, 25.799, 142.254
Yxy	30.4025, 0.3106, 0.3943
Android (android.graphics.Color)	4286226297 (0xFF7A9F79)
YUV	143.6050, -11.1443, -18.9476
Hunter-Lab	55.1385, -18.9612, 14.1269

Details

The CIELCh color $62, 25.799, 142.254$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $56, 25.841, 324.967$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 26.132, 141.998$, and $42, 25.708, 142.272$ is the 20% darker color. If you saturate the color by 10%, you get $61, 36.526, 141.450$, and if you desaturate by 10%, it is $63, 14.954, 142.954$.

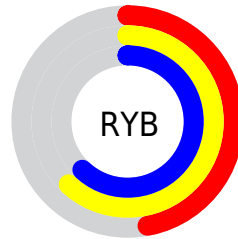
Distribution



Red (48%)

Green (62%)

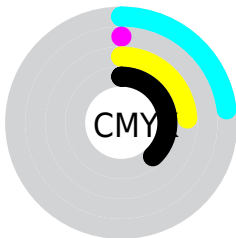
Blue (47%)



Red (47%)

Yellow (62%)

Blue (62%)

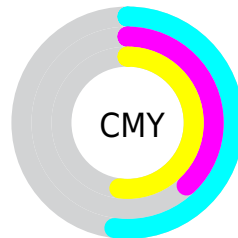


Cyan (23%)

Magenta (0%)

Yellow (24%)

Black (38%)



Cyan (52%)


Magenta (38%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 25.799, 142.254 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, 25.799, 142.254 by changing the saturation by 10% instead.


 62, 25.799,
142.254


 62, 25.799,
142.254


 100, 25.799,
142.254


 52, 25.799,
142.254


 82, 25.799,
142.254

 42, 25.799,
142.254

 92, 25.799,
142.254

 32, 25.799,
142.254

 22, 25.799,
142.254

 12, 25.799,
142.254

 2, 25.799, 142.254

 0, 25.799, 142.254

62, 25.799,
142.254

62, 25.799,
142.254

61, 36.526,
141.450

63, 14.954,
142.954

60, 46.921,
140.540

65, 4.146, 143.584

59, 56.715,
139.542

67, 6.509, 324.005

58, 65.573,
138.501

68, 16.933,
324.454

58, 73.095,
137.507

70, 27.076,
324.822

57, 78.854,
136.686

72, 36.909,
325.132


57, 82.515,
136.165

75, 46.422,
325.396

57, 84.073,

77, 55.613,
325.621

135.885

 78, 59.613,
326.473

Harmonies

Complementary

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



62, 25.799, 142.254



56, 25.841, 324.967

Rectangle

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



62, 25.799, 142.254



62, 25.799, 192.254



62, 25.799, 322.254



62, 25.799, 12.254

Sweetspot

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



62, 25.800, 142.254



82, 9.285, 143.378



64, 20.259, 106.491



43, 6.084, 143.345



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, 25.800, 142.254



78, 38.716, 141.812



62, 18.460, 159.861



33, 6.042, 143.248



51, 77.622, 135.867



3, 7.879, 143.777

Inverse Universe

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



56, 25.841, 324.967



68, 38.768, 325.255



55, 18.921, 343.907



31, 6.054, 324.197



33, 75.135, 327.214



1, 7.861, 323.565

Previews

White Background



This preview shows how the CIELCh color 62, 25.799, 142.254 looks on a white background.

Color Contrast Check

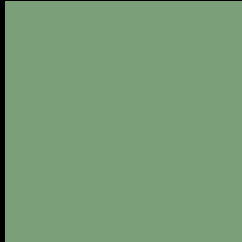
Large Text (above 18pt) WCAG AA × Fail

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, 25.799, 142.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

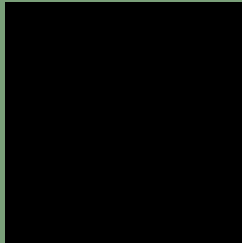
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 25.799, 142.254

Background



This preview shows how black text looks on a background with the CIELCh color 62, 25.799, 142.254.

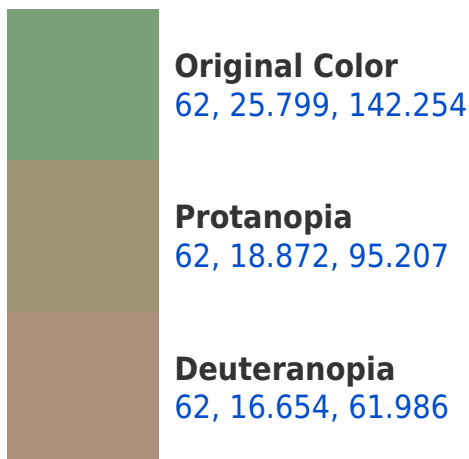


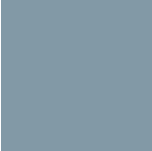
This preview shows how white text looks on a background with the CIELCh color 62, 25.799, 142.254.

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





Tritanopia
62, 10.799, 241.582

Trichromacy



Original Color
62, 25.799, 142.254

Protanomaly
62, 19.653, 116.466

Deuteranomaly
62, 15.189, 100.668

Tritanomaly
62, 10.831, 183.373

Monochromacy



Original Color
62, 25.799, 142.254

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 9.638, 143.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 25.799, 142.254 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(122, 159, 121)` looks like.

```
.text, #text, p{  
    color:rgb(122, 159, 121)  
}
```

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(122, 159, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 159, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 25.799, 142.254 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(122, 159, 121) }
```

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

```
.border{ border-color:rgb(122, 159, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 159, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 159, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 159, 121);  
box-shadow:4px 4px 4px 4px rgb(122, 159,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 25.799, 142.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 159, 121) }
```

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

```
.background{ background-color: rgb(122,  
159, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor