

Converting Colors

CIELCh(62, 12.609, 146.788)

Have a look what the booklet for
CIELCh(62, 12.609, 146.788)
contains.

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Color

CIELCh(62, 12.801, 146.498)

Conversions

Conversions Part 1

Format	Color
Hex	879B89
RGB	135, 155, 137
RGB Percent	53%, 61%, 54%
CMY	0.4706, 0.3921, 0.4627
CMYK	0.13, 0.00, 0.12, 0.39
HSL	126°, 9%, 57%
HSV	126°, 13%, 61%
XYZ	26.2308, 30.4025, 28.1548
YIQ	146.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

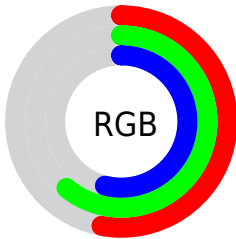
Format	Color
RYB	135, 153, 155
Decimal	8887177
CIELab	62.00, -10.67, 7.07
CIELCh	62, 12.801, 146.498
Yxy	30.4025, 0.3094, 0.3586
Android (android.graphics.Color)	4287077257 (0xFF879B89)
YUV	146.9680, -4.9142, -10.4959
Hunter-Lab	55.1385, -11.5753, 8.3223

Details

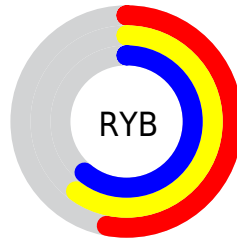
The CIELCh color $62, 12.801, 146.498$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 12.826, 327.983$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 12.739, 146.535$, and $42, 13.044, 146.324$ is the 20% darker color. If you saturate the color by 10%, you get $61, 22.796, 145.758$, and if you desaturate by 10%, it is $64, 2.857, 147.189$.

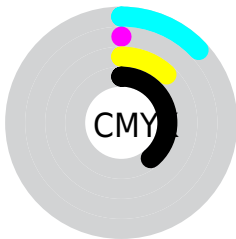
Distribution



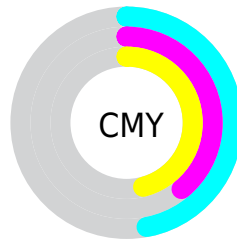
- Red (53%)
- Green (61%)
- Blue (54%)



- Red (53%)
- Yellow (60%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 12.801, 146.498 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, 12.801, 146.498 by changing the saturation by 10% instead.

 62, 12.801,
146.498

 62, 12.801,
146.498

 100, 12.801,
146.498

 52, 12.801,
146.498


 82, 12.801,
146.498

 42, 12.801,
146.498

 92, 12.801,
146.498

 32, 12.801,
146.498

 22, 12.801,
146.498

 12, 12.801,
146.498

 2, 12.801, 146.498

 0, 12.801, 146.498

62, 12.801,
146.498

62, 12.801,
146.498

61, 22.796,
145.758

64, 2.857, 147.189

59, 32.701,
144.903

65, 6.939, 327.611

58, 42.345,
143.918

67, 16.518,
328.092

58, 51.513,
142.800

69, 25.834,
328.495

57, 59.958,
141.560

71, 34.862,
328.842

56, 67.406,
140.238

73, 43.590,
329.143

56, 73.571,
138.912


75, 52.019,
329.406

56, 78.186,

77, 59.508,
328.432

137.694

 77, 62.103,
326.555

 56, 80.525,
137.059

Harmonies

Complementary

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



62, 12.801, 146.498



59, 12.826, 327.983

Rectangle

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



62, 12.801, 146.498



62, 12.801, 196.498



62, 12.801, 326.498



62, 12.801, 16.498

Sweetspot

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



62, 12.803, 146.498



80, 4.880, 147.096



63, 11.131, 112.401



43, 3.498, 147.045



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 12.803, 146.498



78, 18.445, 146.330



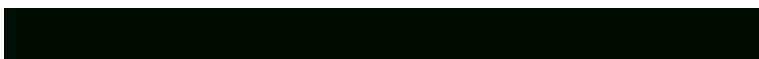
62, 8.989, 167.308



32, 5.535, 146.748



51, 74.664, 137.162



3, 5.967, 147.223

Inverse Universe

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



59, 12.826, 327.983



73, 18.477, 328.122



58, 9.200, 349.514



30, 5.547, 327.765



32, 68.599, 332.553



1, 5.917, 327.590

Previews

White Background



This preview shows how the CIELCh color 62, 12.801, 146.498 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, 12.801, 146.498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

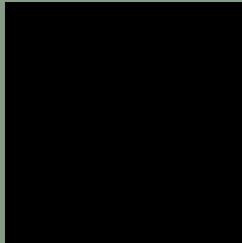
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 12.801, 146.498

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.801, 146.498.



This preview shows how white text looks on a background with the CIELCh color 62, 12.801, 146.498.

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](#).

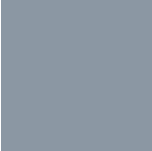
Dichromacy



Original Color
62, 12.801, 146.498

Protanopia
62, 8.838, 90.586

Deuteranopia
62, 10.100, 36.249



Tritanopia
62, 7.944, 257.421

Trichromacy



Original Color
62, 12.801, 146.498

Protanomaly
62, 9.023, 116.798

Deuteranomaly
62, 6.434, 79.722

Tritanomaly
62, 5.334, 211.199

Monochromacy



Original Color
62, 12.801, 146.498

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.800, 144.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.801, 146.498 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(135, 155, 137)` looks like.

```
.text, #text, p{  
    color:rgb(135, 155, 137)  
}
```

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(135, 155, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 155, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.801, 146.498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

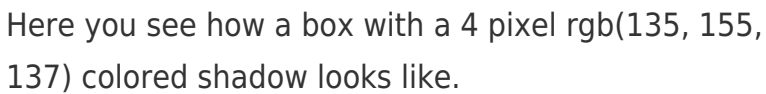
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 155, 137) }
```

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

```
.border{ border-color:rgb(135, 155, 137) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 155, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 155, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 155, 137); box-shadow:4px 4px 4px 4px rgb(135, 155, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.801, 146.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 155, 137) }
```

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

```
.background{ background-color: rgb(135,  
155, 137) }
```

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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