

Converting Colors

CIELCh(64, 12.892, 154.587)

Have a look what the booklet for
CIELCh(64, 12.892, 154.587)
contains.

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Color

CIELCh(64, 12.877, 154.595)

Conversions

Conversions Part 1

Format	Color
Hex	89A191
RGB	137, 161, 145
RGB Percent	54%, 63%, 57%
CMY	0.4632, 0.3690, 0.4318
CMYK	0.15, 0.00, 0.10, 0.37
HSL	140°, 11%, 58%
HSV	140°, 15%, 63%
XYZ	28.1272, 32.8017, 31.5936
YIQ	152.0000, -9.1680, -10.0640

Conversions

Conversions Part 2

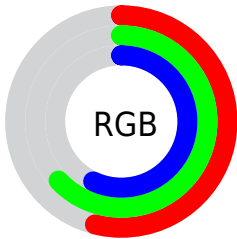
Format	Color
RYB	137, 155, 161
Decimal	9019793
CIELab	64.00, -11.63, 5.52
CIElCh	64, 12.877, 154.595
Yxy	32.8017, 0.3040, 0.3545
Android (android.graphics.Color)	4287209873 (0xFF89A191)
YUV	152.0000, -3.4510, -13.1550
Hunter-Lab	57.2727, -12.5641, 7.3845

Details

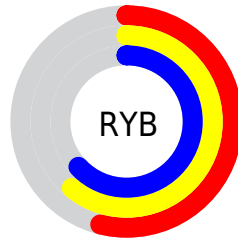
The CIELCh color $64, 12.877, 154.595$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 12.981, 336.692$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 12.814, 154.294$, and $44, 12.389, 155.491$ is the 20% darker color. If you saturate the color by 10%, you get $63, 21.525, 153.724$, and if you desaturate by 10%, it is $65, 4.224, 155.397$.

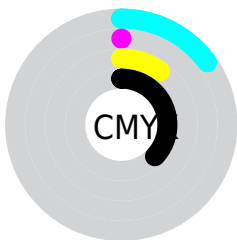
Distribution



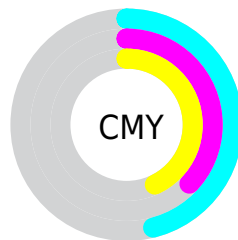
- Red (54%)
- Green (63%)
- Blue (57%)



- Red (54%)
- Yellow (61%)
- Blue (63%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (37%)



- Cyan (46%)
- Magenta (37%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 12.877, 154.595 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 64, 12.877, 154.595 by changing the saturation by 10% instead.

 64, 12.877,
154.595


 64, 12.877,
154.595


 100, 12.877,
154.595


 54, 12.877,
154.595


 84, 12.877,
154.595

 44, 12.877,
154.595

 94, 12.877,
154.595

 34, 12.877,
154.595

 24, 12.877,
154.595

 14, 12.877,
154.595

 4, 12.877, 154.595

 0, 12.877, 154.595

■ 64, 12.877,
154.595

■ 64, 12.877,
154.595

■ 63, 21.525,
153.724

■ 65, 4.224, 155.397

■ 62, 30.047,
152.737

■ 67, 4.350, 335.926

■ 61, 38.311,
151.608

■ 69, 12.775,
336.566

■ 60, 46.163,
150.314

■ 71, 21.005,
337.109

■ 59, 53.450,
148.841

■ 72, 29.008,
337.594

■ 59, 60.031,
147.182

■ 74, 36.768,
338.034


■ 58, 65.798,
145.349

■ 77, 44.278,
338.436

■ 58, 70.697,

■ 78, 49.199,
335.265

143.386

 78, 53.173,
330.930

 58, 72.951,
142.445

Harmonies

Complementary

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



64, 12.877, 154.595



60, 12.981, 336.692

Rectangle

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



64, 12.877, 154.595



64, 12.877, 204.595



64, 12.877, 334.595



64, 12.877, 24.595

Sweetspot

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



64, 12.879, 154.594



83, 4.250, 155.471



65, 13.606, 121.613



44, 3.017, 155.407



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 12.879, 154.594



81, 19.250, 154.308



64, 9.290, 183.282



34, 4.930, 155.046



52, 67.421, 142.638



4, 7.837, 154.369

Inverse Universe

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



60, 12.981, 336.692



74, 19.430, 336.951



59, 9.874, 5.900



32, 4.959, 336.269



32, 59.719, 346.929



1, 7.348, 338.209

Previews

White Background



This preview shows how the CIELCh color 64, 12.877, 154.595 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 64, 12.877, 154.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

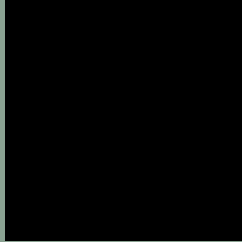
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

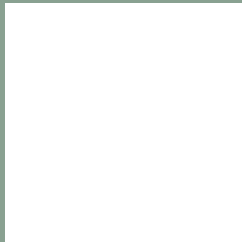
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 12.877, 154.595

Background



This preview shows how black text looks on a background with the CIELCh color 64, 12.877, 154.595.



This preview shows how white text looks on a background with the CIELCh color 64, 12.877, 154.595.

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
64, 12.877, 154.595

Protanopia
64, 7.733, 88.215

Deuteranopia
64, 9.310, 30.465



Tritanopia
64, 9.135, 251.859

Trichromacy



Original Color
64, 12.877, 154.595

Protanomaly
64, 8.568, 122.550

Deuteranomaly
64, 5.020, 81.604

Tritanomaly
64, 6.802, 213.187

Monochromacy



Original Color
64, 12.877, 154.595

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.573, 152.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 12.877, 154.595 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(137, 161, 145)` looks like.

```
.text, #text, p{  
    color:rgb(137, 161, 145)  
}
```

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(137, 161, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 161, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 12.877, 154.595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

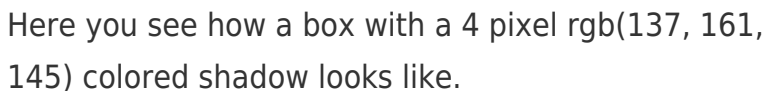
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 161, 145) }
```

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

```
.border{ border-color:rgb(137, 161, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 161, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 161, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 161, 145);  
box-shadow:4px 4px 4px 4px rgb(137, 161,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 12.877, 154.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 161, 145) }
```

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

```
.background{ background-color: rgb(137,  
161, 145) }
```

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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