

Converting Colors

CIELCh(63, 29.793, 197.525)

Have a look what the booklet for
CIELCh(63, 29.793, 197.525)
contains.

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Color

CIELCh(63, 29.864, 196.914)

Conversions

Conversions Part 1

Format	Color
Hex	43A7A7
RGB	67, 167, 167
RGB Percent	26%, 65%, 65%
CMY	0.7376, 0.3454, 0.3454
CMYK	0.60, 0.00, 0.00, 0.35
HSL	180°, 43%, 46%
HSV	180°, 60%, 65%
XYZ	23.0814, 31.5869, 41.4032
YIQ	137.1000, -59.6000, -21.2000

Conversions

Conversions Part 2

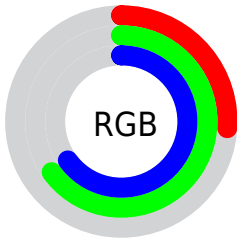
Format	Color
RYB	67, 117, 167
Decimal	4433831
CIELab	63.00, -28.57, -8.69
CIElCh	63, 29.864, 196.914
Yxy	31.5869, 0.2403, 0.3288
Android (android.graphics.Color)	4282623911 (0xFF43A7A7)
YUV	137.1000, 14.7407, -61.4777
Hunter-Lab	56.2022, -25.0466, -4.3363

Details

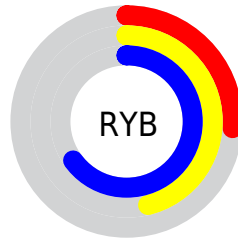
The CIELCh color **63, 29.864, 196.914** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **42, 46.379, 27.222**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 30.013, 196.352**, and **44, 27.840, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **63, 32.607, 196.693**, and if you desaturate by 10%, it is **64, 26.362, 197.197**.

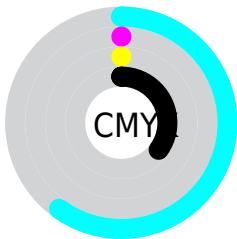
Distribution



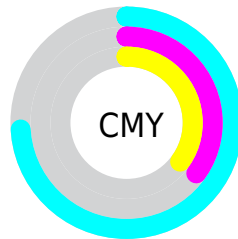
- Red (26%)
- Green (65%)
- Blue (65%)



- Red (26%)
- Yellow (46%)
- Blue (65%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)




- Cyan (74%)
- Magenta (35%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 29.864, 196.914 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 63, 29.864, 196.914 by changing the saturation by 10% instead.


 63, 29.864,
196.914


 63, 29.864,
196.914


 100, 29.864,
196.914


 53, 29.864,
196.914


 83, 29.864,
196.914

 43, 29.864,
196.914

 93, 29.864,
196.914

 33, 29.864,
196.914

 23, 29.864,
196.914

 13, 29.864,
196.914

 3, 29.864, 196.914

 0, 29.864, 196.914

63, 29.864,
196.914

63, 29.864,
196.914

63, 32.607,
196.693

64, 26.362,
197.197

62, 34.577,
196.536

64, 22.151,
197.544

62, 35.807,
196.439

65, 17.309,
197.951

62, 36.486,
196.386

66, 11.929,
198.417

62, 36.491,
196.385

67, 6.109, 198.953

68, 0.056, 10.772

70, 6.475, 19.901

71, 13.073, 20.527

73, 19.784, 21.143

Harmonies

Complementary

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



63, 29.864, 196.914



42, 46.379, 27.222

Rectangle

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



63, 29.864, 196.914



63, 29.864, 246.914



63, 29.864, 16.914



63, 29.864, 66.914

Sweetspot

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



63, 29.864, 196.912



84, 13.401, 198.496



61, 64.765, 139.061



44, 9.305, 198.356



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 29.864, 196.912



79, 40.527, 196.633



48, 31.152, 265.741



35, 3.516, 198.991



55, 33.388, 196.385



5, 6.572, 199.421

Inverse Universe

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



42, 46.379, 27.222



50, 70.290, 31.178



53, 37.727, 66.377



33, 3.724, 19.906



30, 69.026, 39.359



1, 6.572, 19.404

Previews

White Background



This preview shows how the CIELCh color 63, 29.864, 196.914 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 63, 29.864, 196.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

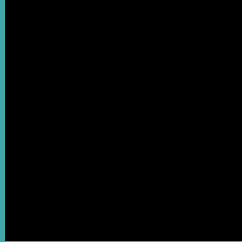
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

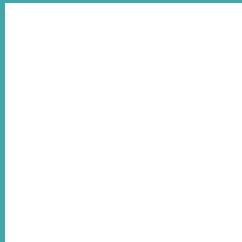
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 29.864, 196.914

Background



This preview shows how black text looks on a background with the CIELCh color 63, 29.864, 196.914.

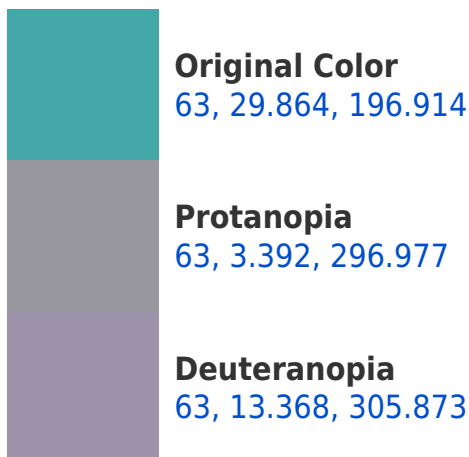


This preview shows how white text looks on a background with the CIELCh color 63, 29.864, 196.914.

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
63, 27.876, 213.771

Trichromacy



Original Color
63, 29.864, 196.914



Protanomaly
62, 12.915, 208.388



Deuteranomaly
62, 13.437, 237.649



Tritanomaly
63, 28.424, 207.446

Monochromacy



Original Color
63, 29.864, 196.914



Achromatopsia
57, 0.007, 296.813



Achromatomaly
59, 13.029, 198.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 29.864, 196.914 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(67, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(67, 167, 167)  
}
```

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(67, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 167, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 29.864, 196.914 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(67, 167, 167) }
```

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

```
.border{ border-color:rgb(67, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(67, 167,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 29.864, 196.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 167, 167) }
```

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

```
.background{ background-color: rgb(67, 167,  
167) }
```

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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