

Converting Colors

CIELCh(63, 24.979, 175.754)

Have a look what the booklet for
CIELCh(63, 24.979, 175.754)
contains.

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Color

CIELCh(63, 25.230, 174.999)

Conversions

Conversions Part 1

Format	Color
Hex	63A594
RGB	99, 165, 148
RGB Percent	39%, 65%, 58%
CMY	0.6127, 0.3539, 0.4206
CMYK	0.40, 0.00, 0.10, 0.35
HSL	165°, 27%, 52%
HSV	165°, 40%, 65%
XYZ	23.8531, 31.5869, 32.7535
YIQ	143.3280, -33.8790, -19.2790

Conversions

Conversions Part 2

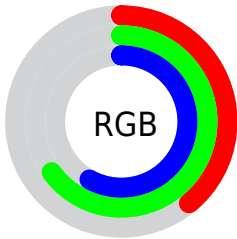
Format	Color
RYB	99, 137, 165
Decimal	6530452
CIELab	63.00, -25.13, 2.20
CIElCh	63, 25.230, 174.999
Yxy	31.5869, 0.2705, 0.3582
Android (android.graphics.Color)	4284720532 (0xFF63A594)
YUV	143.3280, 2.3033, -38.8757
Hunter-Lab	56.2022, -22.5958, 4.7886

Details

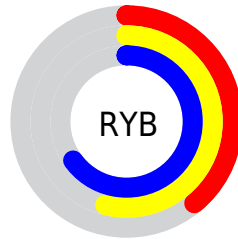
The CIELCh color **63, 25.230, 174.999** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 28.970, 3.798**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 24.969, 175.182**, and **43, 25.570, 174.319** is the 20% darker color. If you saturate the color by 10%, you get **62, 30.625, 173.789**, and if you desaturate by 10%, it is **64, 19.369, 176.107**.

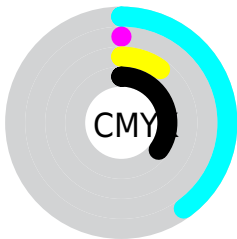
Distribution



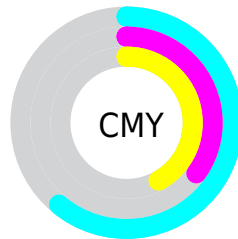
- Red (39%)
- Green (65%)
- Blue (58%)



- Red (39%)
- Yellow (54%)
- Blue (65%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)




- Cyan (61%)
- Magenta (35%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 25.230, 174.999 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, 25.230, 174.999 by changing the saturation by 10% instead.


 63, 25.230,
174.999


 63, 25.230,
174.999


 100, 25.230,
174.999


 53, 25.230,
174.999


 83, 25.230,
174.999

 43, 25.230,
174.999

 93, 25.230,
174.999

 33, 25.230,
174.999

 23, 25.230,
174.999

 13, 25.230,
174.999

 3, 25.230, 174.999

 0, 25.230, 174.999

63, 25.230,
174.999

63, 25.230,
174.999

62, 30.625,
173.789

64, 19.369,
176.107

62, 35.449,
172.460

65, 13.147,
177.141

61, 39.621,
170.988

66, 6.671, 178.128

61, 43.094,
169.349

68, 0.035, 191.116

69, 6.681, 359.754

60, 45.872,
167.528

71, 13.412, 0.599

60, 48.126,
165.603

72, 20.105, 1.388

74, 26.723, 2.141

76, 33.240, 2.863

Harmonies

Complementary

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



63, 25.230, 174.999



50, 28.970, 3.798

Rectangle

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



63, 25.230, 174.999



63, 25.230, 224.999



63, 25.230, 354.999



63, 25.230, 44.999

Sweetspot

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



63, 25.231, 174.997



84, 9.834, 177.915



63, 41.060, 134.758



44, 6.503, 177.796



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 25.231, 174.997



79, 36.498, 173.936



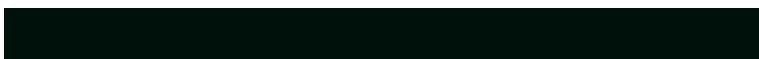
59, 18.554, 226.377



34, 3.726, 178.207



53, 43.752, 165.838



4, 6.029, 175.153

Inverse Universe

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



50, 28.970, 3.798



60, 43.259, 5.435



53, 24.438, 42.627



32, 3.840, 359.770



30, 58.533, 23.641



1, 5.793, 0.744

Previews

White Background



This preview shows how the CIELCh color 63, 25.230, 174.999 looks on a white background.

Color Contrast Check

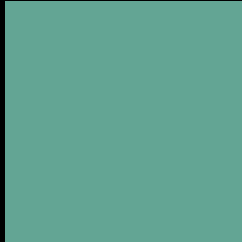
Large Text (above 18pt) WCAG AA × Fail

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 63, 25.230, 174.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

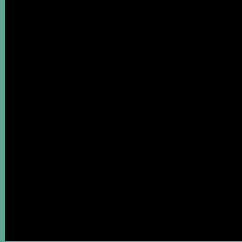
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 25.230, 174.999

Background



This preview shows how black text looks on a background with the CIELCh color 63, 25.230, 174.999.

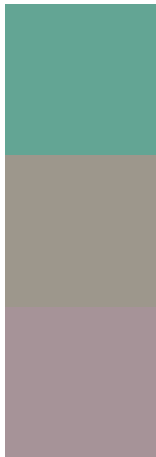


This preview shows how white text looks on a background with the CIELCh color 63, 25.230, 174.999.

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
63, 25.230, 174.999

Protanopia
63, 6.572, 88.167

Deuteranopia
63, 7.937, 359.598



Tritanopia
63, 19.505, 220.044

Trichromacy



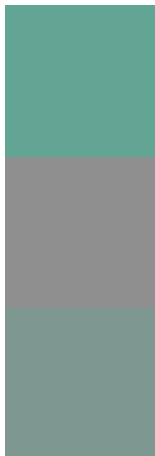
Original Color
63, 25.230, 174.999

Protanomaly
63, 10.653, 155.469

Deuteranomaly
62, 4.537, 177.324

Tritanomaly
63, 19.905, 200.965

Monochromacy



Original Color
63, 25.230, 174.999

Achromatopsia
59, 0.008, 296.813

Achromatomaly
61, 9.716, 178.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 25.230, 174.999 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(99, 165, 148)` looks like.

```
.text, #text, p{  
    color:rgb(99, 165, 148)  
}
```

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(99, 165, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 165, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 25.230, 174.999 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(99, 165, 148) }
```

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

```
.border{ border-color:rgb(99, 165, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 165, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 165, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 165, 148);  
box-shadow:4px 4px 4px 4px rgb(99, 165,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 25.230, 174.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 165, 148) }
```

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

```
.background{ background-color: rgb(99, 165,  
148) }
```

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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