

Converting Colors

CIELCh(63, 37.090, 154.219)

Have a look what the booklet for
CIELCh(63, 37.090, 154.219)
contains.

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Color

CIELCh(63, 36.557, 154.418)

Conversions

Conversions Part 1

Format	Color
Hex	5EA77B
RGB	94, 167, 123
RGB Percent	37%, 65%, 48%
CMY	0.6302, 0.3438, 0.5165
CMYK	0.44, 0.00, 0.26, 0.34
HSL	144°, 29%, 51%
HSV	144°, 44%, 66%
XYZ	22.1182, 31.5869, 23.7674
YIQ	140.1570, -29.3840, -29.1600

Conversions

Conversions Part 2

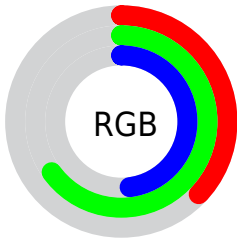
Format	Color
RYB	94, 146, 167
Decimal	6203259
CIELab	63.00, -32.97, 15.79
CIElCh	63, 36.557, 154.418
Yxy	31.5869, 0.2855, 0.4077
Android (android.graphics.Color)	4284393339 (0xFF5EA77B)
YUV	140.1570, -8.4584, -40.4797
Hunter-Lab	56.2022, -28.1058, 14.2684

Details

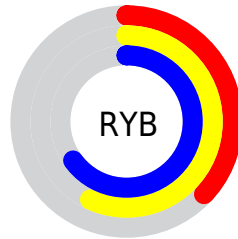
The CIELCh color **63, 36.557, 154.418** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **50, 37.500, 342.259**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 36.597, 154.458**, and **43, 36.386, 154.611** is the 20% darker color. If you saturate the color by 10%, you get **62, 44.267, 153.109**, and if you desaturate by 10%, it is **64, 28.447, 155.565**.

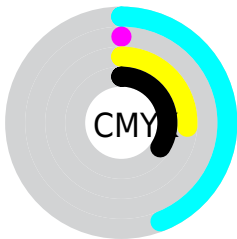
Distribution



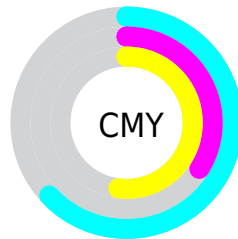
- Red (37%)
- Green (65%)
- Blue (48%)



- Red (37%)
- Yellow (57%)
- Blue (65%)



- Cyan (44%)
- Magenta (0%)
- Yellow (26%)
- Black (34%)




- Cyan (63%)
- Magenta (34%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 36.557, 154.418 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, 36.557, 154.418 by changing the saturation by 10% instead.


 63, 36.557,
154.418


 63, 36.557,
154.418


 100, 36.557,
154.418


 53, 36.557,
154.418


 83, 36.557,
154.418

 43, 36.557,
154.418

 93, 36.557,
154.418

 33, 36.557,
154.418

 23, 36.557,
154.418

 13, 36.557,
154.418

 3, 36.557, 154.418

 0, 36.557, 154.418

■ 63, 36.557,
154.418

■ 63, 36.557,
154.418

■ 62, 44.267,
153.109

■ 64, 28.447,
155.565

■ 61, 51.430,
151.619

■ 65, 20.079,
156.574

■ 61, 57.917,
149.933

■ 67, 11.584,
157.471

■ 60, 63.637,
148.051

■ 68, 3.073, 158.335

■ 60, 68.553,
145.999

■ 70, 5.366, 338.871

■ 60, 71.377,
144.712

■ 71, 13.666,
339.541

■ 73, 21.783,
340.123

■ 75, 29.683,
340.651

■ 77, 37.351,
341.135

Harmonies

Complementary

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



63, 36.557, 154.418



50, 37.500, 342.259

Rectangle

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



63, 36.557, 154.418



63, 36.557, 204.418



63, 36.557, 334.418



63, 36.557, 24.418

Sweetspot

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



63, 36.558, 154.418



84, 13.633, 157.506



65, 41.022, 122.693



45, 9.620, 157.322



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, 36.558, 154.418



79, 53.046, 153.207



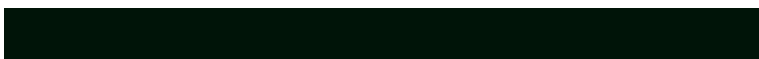
64, 25.078, 186.260



35, 4.825, 157.837



53, 64.847, 144.955



5, 9.158, 156.028

Inverse Universe

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



50, 37.500, 342.259



60, 54.355, 343.321



49, 31.745, 15.081



33, 4.863, 339.141



32, 58.482, 352.056



2, 8.324, 342.310

Previews

White Background



This preview shows how the CIELCh color 63, 36.557, 154.418 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, 36.557, 154.418 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, 36.557, 154.418

Background



This preview shows how black text looks on a background with the CIELCh color 63, 36.557, 154.418.



This preview shows how white text looks on a background with the CIELCh color 63, 36.557, 154.418.

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, 36.557, 154.418

Protanopia
63, 20.004, 94.593

Deuteranopia
63, 15.816, 59.294



Tritanopia
63, 19.247, 220.375

Trichromacy



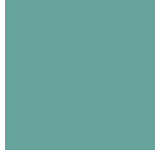
Original Color
63, 36.557, 154.418



Protanomaly
62, 22.606, 128.911



Deuteranomaly
62, 15.914, 120.219



Tritanomaly
63, 21.530, 186.973

Monochromacy



Original Color
63, 36.557, 154.418



Achromatopsia
58, 0.007, 296.813



Achromatomaly
60, 13.885, 157.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 36.557, 154.418 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(94, 167, 123)` looks like.

```
.text, #text, p{  
    color:rgb(94, 167, 123)  
}
```

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(94, 167, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 167, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 36.557, 154.418 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(94, 167, 123) }
```

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

```
.border{ border-color:rgb(94, 167, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 167, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 167, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 167, 123);  
box-shadow:4px 4px 4px 4px rgb(94, 167,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 36.557, 154.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 167, 123) }
```

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

```
.background{ background-color: rgb(94, 167,  
123) }
```

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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