

Converting Colors

CIELCh(62, 36.814, 154.675)

Have a look what the booklet for
CIELCh(62, 36.814, 154.675)
contains.

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Color

CIELCh(62, 36.843, 154.644)

Conversions

Conversions Part 1

Format	Color
Hex	5BA579
RGB	91, 165, 121
RGB Percent	36%, 65%, 47%
CMY	0.6441, 0.3539, 0.5264
CMYK	0.45, 0.00, 0.27, 0.35
HSL	144°, 29%, 50%
HSV	144°, 45%, 65%
XYZ	21.1341, 30.4025, 22.7655
YIQ	137.8580, -29.9800, -29.3720

Conversions

Conversions Part 2

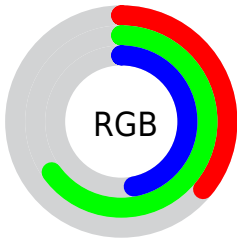
Format	Color
RYB	91, 144, 165
Decimal	6006137
CIELab	62.00, -33.29, 15.78
CIElCh	62, 36.843, 154.644
Yxy	30.4025, 0.2844, 0.4092
Android (android.graphics.Color)	4284196217 (0xFF5BA579)
YUV	137.8580, -8.3110, -41.0945
Hunter-Lab	55.1385, -28.0750, 14.1173

Details

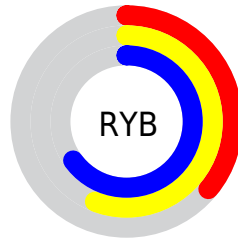
The CIELCh color $62, 36.843, 154.644$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $48, 37.863, 342.842$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $82, 36.679, 154.411$, and $42, 37.183, 154.307$ is the 20% darker color. If you saturate the color by 10%, you get $61, 44.337, 153.312$, and if you desaturate by 10%, it is $63, 28.937, 155.812$.

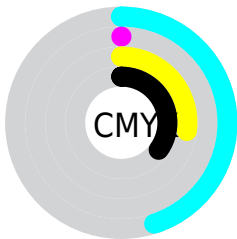
Distribution



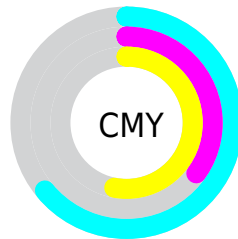
- Red (36%)
- Green (65%)
- Blue (47%)



- Red (36%)
- Yellow (56%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (27%)
- Black (35%)





- Cyan (64%)
- Magenta (35%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 36.843, 154.644 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, 36.843, 154.644 by changing the saturation by 10% instead.


 62, 36.843,
154.644


 62, 36.843,
154.644


 100, 36.843,
154.644


 52, 36.843,
154.644


 82, 36.843,
154.644

 42, 36.843,
154.644

 92, 36.843,
154.644

 32, 36.843,
154.644

 22, 36.843,
154.644

 12, 36.843,
154.644

 2, 36.843, 154.644

 0, 36.843, 154.644

■ 62, 36.843,
154.644

■ 62, 36.843,
154.644

■ 61, 44.337,
153.312

■ 63, 28.937,
155.812

■ 60, 51.277,
151.796

■ 64, 20.758,
156.840

■ 60, 57.542,
150.084

■ 65, 12.436,
157.754

■ 60, 63.049,
148.176

■ 67, 4.083, 158.609

■ 59, 67.778,
146.103

■ 68, 4.211, 339.171

■ 70, 12.380,
339.868

■ 59, 69.992,
145.083

■ 72, 20.376,
340.465

■ 74, 28.164,
341.005

■ 76, 35.728,
341.501

Harmonies

Complementary

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



62, 36.843, 154.644



48, 37.863, 342.842

Rectangle

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



62, 36.843, 154.644



62, 36.843, 204.644



62, 36.843, 334.644



62, 36.843, 24.644

Sweetspot

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



62, 36.844, 154.644



83, 13.417, 157.899



64, 41.801, 123.286



44, 9.375, 157.716



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 36.844, 154.644



78, 53.975, 153.300



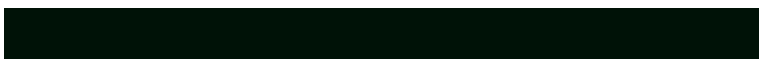
63, 25.132, 187.680



34, 4.673, 158.235



53, 63.499, 145.335



4, 7.473, 157.150

Inverse Universe

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



48, 37.863, 342.842



58, 55.373, 344.041



47, 32.398, 16.577



32, 4.712, 339.543



31, 57.540, 352.721



1, 6.987, 341.612

Previews

White Background



This preview shows how the CIELCh color 62, 36.843, 154.644 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, 36.843, 154.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

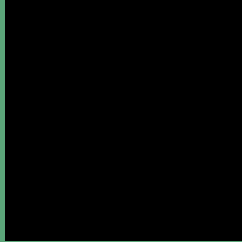
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 36.843, 154.644

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.843, 154.644.



This preview shows how white text looks on a background with the CIELCh color 62, 36.843, 154.644.

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, 36.843, 154.644

Protanopia
62, 20.495, 95.983

Deuteranopia
62, 15.890, 59.256



Tritanopia
62, 19.256, 220.432

Trichromacy



Original Color
62, 36.843, 154.644

Protanomaly
61, 23.326, 129.291

Deuteranomaly
61, 16.064, 121.599

Tritanomaly
62, 21.555, 186.919

Monochromacy



Original Color
62, 36.843, 154.644

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 13.919, 157.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.843, 154.644 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(91, 165, 121)` looks like.

```
.text, #text, p{  
    color:rgb(91, 165, 121)  
}
```

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(91, 165, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 165, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.843, 154.644 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(91, 165, 121) }
```

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

```
.border{ border-color:rgb(91, 165, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 165, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 165, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 165, 121);  
box-shadow:4px 4px 4px 4px rgb(91, 165,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.843, 154.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 165, 121) }
```

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

```
.background{ background-color: rgb(91, 165,  
121) }
```

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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