

Converting Colors

CIELCh(62, 44.089, 165.180)

Have a look what the booklet for
CIELCh(62, 44.089, 165.180)
contains.

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Color

CIELCh(62, 44.112, 165.247)

Conversions

Conversions Part 1

Format	Color
Hex	2FA981
RGB	47, 169, 129
RGB Percent	18%, 66%, 51%
CMY	0.8140, 0.3390, 0.4957
CMYK	0.72, 0.00, 0.24, 0.34
HSL	160°, 56%, 42%
HSV	160°, 72%, 66%
XYZ	19.2341, 30.4025, 25.4816
YIQ	127.9620, -59.8720, -38.3040

Conversions

Conversions Part 2

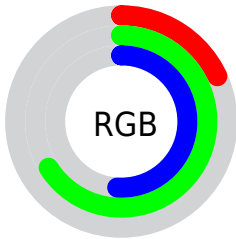
Format	Color
RYB	47, 120, 169
Decimal	3123585
CIELab	62.00, -42.66, 11.23
CIELCh	62, 44.112, 165.247
Yxy	30.4025, 0.2561, 0.4047
Android (android.graphics.Color)	4281313665 (0xFF2FA981)
YUV	127.9620, 0.5117, -71.0037
Hunter-Lab	55.1385, -34.2259, 11.1968

Details

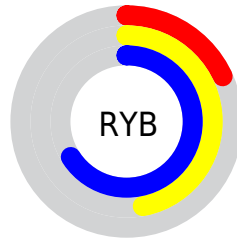
The CIELCh color **62, 44.112, 165.247** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **40, 52.177, 5.804**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 44.182, 165.396**, and **43, 39.379, 162.024** is the 20% darker color. If you saturate the color by 10%, you get **62, 48.068, 163.435**, and if you desaturate by 10%, it is **63, 39.456, 166.867**.

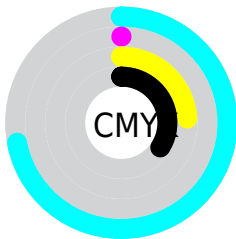
Distribution



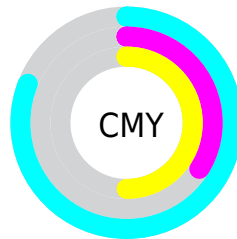
- Red (18%)
- Green (66%)
- Blue (51%)



- Red (18%)
- Yellow (47%)
- Blue (66%)



- Cyan (72%)
- Magenta (0%)
- Yellow (24%)
- Black (34%)



- Cyan (81%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 44.112, 165.247 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, 44.112, 165.247 by changing the saturation by 10% instead.


 62, 44.112,
165.247

 62, 44.112,
165.247

 100, 44.112,
165.247

 52, 44.112,
165.247


 82, 44.112,
165.247

 42, 44.112,
165.247


 92, 44.112,
165.247

 32, 44.112,
165.247

 22, 44.112,
165.247

 12, 44.112,
165.247

 2, 44.112, 165.247

 0, 44.112, 165.247

■ 62, 44.112,
165.247

■ 62, 44.112,
165.247

■ 62, 48.068,
163.435

■ 63, 39.456,
166.867

■ 61, 51.331,
161.425

■ 63, 34.148,
168.316

■ 61, 53.635,
159.723

■ 64, 28.273,
169.618

■ 65, 21.940,
170.798

■ 66, 15.265,
171.878

■ 67, 8.358, 172.886

■ 69, 1.318, 174.064

■ 70, 5.771, 354.535

■ 72, 12.842,
355.380

Harmonies

Complementary

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



62, 44.112, 165.247



40, 52.177, 5.804

Rectangle

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



62, 44.112, 165.247



62, 44.112, 215.247



62, 44.112, 345.247



62, 44.112, 35.247

Sweetspot

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



62, 44.112, 165.246



84, 19.012, 171.822



62, 69.560, 131.460



44, 12.715, 171.552



94, 0.011, 296.813



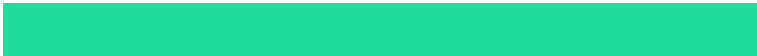
46, 0.006, 296.813

Same Dimension

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



62, 44.112, 165.246



78, 60.842, 162.316



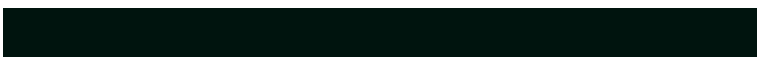
57, 28.900, 220.988



35, 3.986, 173.142



54, 48.511, 159.983



5, 7.680, 169.007

Inverse Universe

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



40, 52.177, 5.804



48, 72.271, 11.826



42, 52.056, 39.293



33, 4.082, 354.716



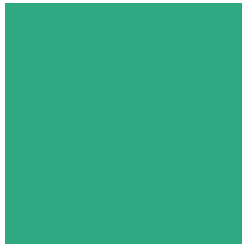
31, 57.403, 17.273



2, 7.144, 357.076

Previews

White Background



This preview shows how the CIELCh color 62, 44.112, 165.247 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, 44.112, 165.247 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, 44.112, 165.247

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.112, 165.247.

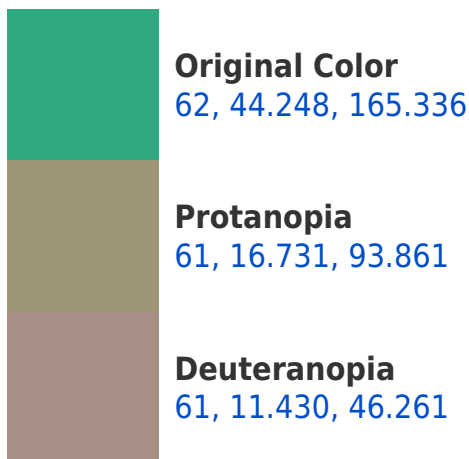


This preview shows how white text looks on a background with the CIELCh color 62, 44.112, 165.247.

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
62, 27.763, 212.644

Trichromacy



Original Color
62, 44.248, 165.336



Protanomaly
61, 23.622, 145.922



Deuteranomaly
60, 15.746, 152.407



Tritanomaly
62, 31.237, 190.475

Monochromacy



Original Color
62, 44.248, 165.336



Achromatopsia
54, 0.007, 296.813



Achromatomaly
56, 18.716, 170.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.112, 165.247 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(47, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(47, 169, 129)  
}
```

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(47, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 169, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.112, 165.247 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(47, 169, 129) }
```

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

```
.border{ border-color:rgb(47, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 169, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 169, 129);  
box-shadow:4px 4px 4px 4px rgb(47, 169,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.112, 165.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 169, 129) }
```

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

```
.background{ background-color: rgb(47, 169,  
129) }
```

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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