

Converting Colors

CIELCh(67, 32.555, 187.914)

Have a look what the booklet for
CIELCh(67, 32.555, 187.914)
contains.

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Color

CIELCh(67, 32.555, 187.914)

Conversions

Conversions Part 1

Format	Color
Hex	4AB3AA
RGB	74, 179, 170
RGB Percent	29%, 70%, 67%
CMY	0.7095, 0.2978, 0.3331
CMYK	0.59, 0.00, 0.05, 0.30
HSL	175°, 41%, 50%
HSV	175°, 59%, 70%
XYZ	26.2262, 36.6320, 43.7526
YIQ	146.5790, -59.6910, -25.0590

Conversions

Conversions Part 2

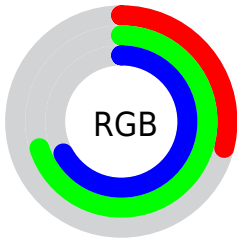
Format	Color
RYB	74, 129, 179
Decimal	4895658
CIELab	67.00, -32.24, -4.48
CIElCh	67, 32.555, 187.914
Yxy	36.6320, 0.2460, 0.3436
Android (android.graphics.Color)	4283085738 (0xFF4AB3AA)
YUV	146.5790, 11.5466, -63.6518
Hunter-Lab	60.5244, -28.5705, -0.4933

Details

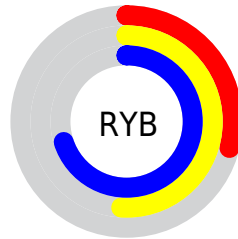
The CIELCh color **67, 32.555, 187.914** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 46.512, 20.839**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 32.450, 187.900**, and **47, 31.337, 187.401** is the 20% darker color. If you saturate the color by 10%, you get **66, 35.938, 187.091**, and if you desaturate by 10%, it is **68, 28.396, 188.700**.

Distribution



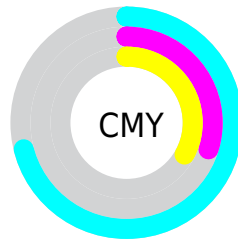
- Red (29%)
- Green (70%)
- Blue (67%)



- Red (29%)
- Yellow (51%)
- Blue (70%)



- Cyan (59%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)





- Cyan (71%)
- Magenta (30%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 32.555, 187.914 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 67, 32.555, 187.914 by changing the saturation by 10% instead.


 67, 32.555,
187.914


 67, 32.555,
187.914


 100, 32.555,
187.914


 57, 32.555,
187.914


 87, 32.555,
187.914

 47, 32.555,
187.914

 97, 32.555,
187.914

 37, 32.555,
187.914

 27, 32.555,
187.914

 17, 32.555,
187.914

 7, 32.555, 187.914

 0, 32.555, 187.914

67, 32.555,
187.914

67, 32.555,
187.914

66, 35.938,
187.091

68, 28.396,
188.700

66, 38.511,
186.222

68, 23.533,
189.467

66, 40.290,
185.286

69, 18.061,
190.223

66, 41.413,
184.284

71, 12.089,
190.979

66, 41.553,
184.147

72, 5.725, 191.762

73, 0.927, 11.874

75, 7.777, 13.076

76, 14.749, 13.831

78, 21.780, 14.560

Harmonies

Complementary

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



67, 32.555, 187.914



46, 46.512, 20.839

Rectangle

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



67, 32.555, 187.914



67, 32.555, 237.914



67, 32.555, 7.914



67, 32.555, 57.914

Sweetspot

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



67, 32.555, 187.912



89, 14.430, 191.004



65, 65.852, 137.580



47, 10.034, 190.785



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 32.555, 187.912



84, 44.520, 186.875



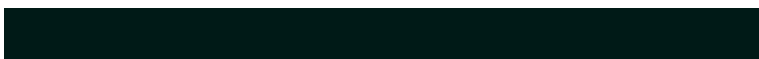
55, 29.215, 254.838



37, 3.742, 191.705



57, 36.959, 184.285



7, 9.334, 188.928

Inverse Universe

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



46, 46.512, 20.839



54, 69.138, 24.736



55, 38.973, 58.355



35, 3.929, 12.983



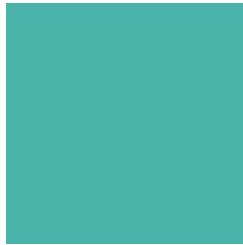
31, 67.770, 35.898



2, 9.210, 13.911

Previews

White Background



This preview shows how the CIELCh color 67, 32.555, 187.914 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 67, 32.555, 187.914 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 67, 32.555, 187.914

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.555, 187.914.

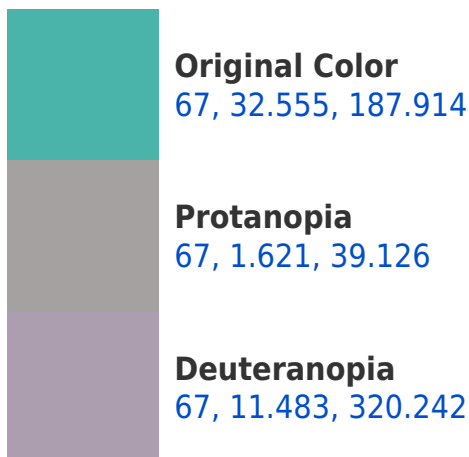


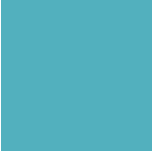
This preview shows how white text looks on a background with the CIELCh color 67, 32.555, 187.914.

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
67, 28.322, 213.353

Trichromacy



Original Color
67, 32.555, 187.914



Protanomaly
66, 13.227, 188.606



Deuteranomaly
66, 11.065, 222.382



Tritanomaly
67, 29.203, 203.719

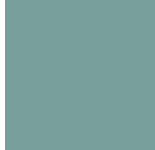
Monochromacy



Original Color
67, 32.555, 187.914



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 14.316, 189.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.555, 187.914 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(74, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(74, 179, 170)  
}
```

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(74, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 179, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.555, 187.914 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(74, 179, 170) }
```

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

```
.border{ border-color:rgb(74, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(74, 179,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.555, 187.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 179, 170) }
```

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

```
.background{ background-color: rgb(74, 179,  
170) }
```

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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