

Converting Colors

CIELCh(62, 28.978, 216.324)

Have a look what the booklet for
CIELCh(62, 28.978, 216.324)
contains.

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Color

CIELCh(62, 28.942, 215.484)

Conversions

Conversions Part 1

Format	Color
Hex	40A3B3
RGB	64, 163, 179
RGB Percent	25%, 64%, 70%
CMY	0.7505, 0.3620, 0.2993
CMYK	0.64, 0.09, 0.00, 0.30
HSL	188°, 47%, 48%
HSV	188°, 64%, 70%
XYZ	23.2361, 30.4025, 47.1237
YIQ	135.2230, -64.1400, -16.0120

Conversions

Conversions Part 2

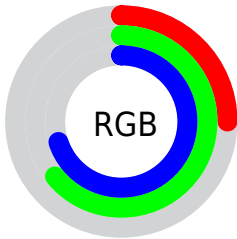
Format	Color
RYB	64, 117, 179
Decimal	4236211
CIELab	62.00, -23.57, -16.80
CIElCh	62, 28.942, 215.484
Yxy	30.4025, 0.2306, 0.3017
Android (android.graphics.Color)	4282426291 (0xFF40A3B3)
YUV	135.2230, 21.5821, -62.4626
Hunter-Lab	55.1385, -21.2702, -12.0748

Details

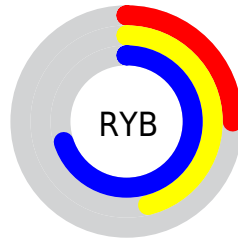
The CIELCh color **62, 28.942, 215.484** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 48.688, 36.505**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 29.004, 215.900**, and **43, 26.201, 217.304** is the 20% darker color. If you saturate the color by 10%, you get **61, 31.096, 216.856**, and if you desaturate by 10%, it is **63, 26.038, 214.454**.

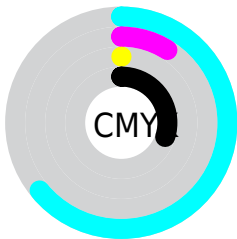
Distribution



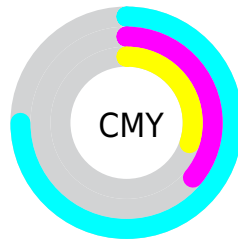
- Red (25%)
- Green (64%)
- Blue (70%)



- Red (25%)
- Yellow (46%)
- Blue (70%)



- Cyan (64%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)



- Cyan (75%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 28.942, 215.484 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, 28.942, 215.484 by changing the saturation by 10% instead.

 62, 28.942,
215.484

 62, 28.942,
215.484

 100, 28.942,
215.484

 52, 28.942,
215.484

 82, 28.942,
215.484

 42, 28.942,
215.484

 92, 28.942,
215.484

 32, 28.942,
215.484

 22, 28.942,
215.484

 12, 28.942,
215.484

 2, 28.942, 215.484

 0, 28.942, 215.484

62, 28.942,
215.484

62, 28.942,
215.484

61, 31.096,
216.856

63, 26.038,
214.454

60, 32.503,
218.631

65, 22.430,
213.713

59, 33.224,
220.858

66, 18.188,
213.209

58, 33.469,
222.230

68, 13.400,
212.900

70, 8.160, 212.758

72, 2.556, 212.848

74, 3.331, 32.543

76, 9.432, 32.760

78, 15.686, 32.955

Harmonies

Complementary

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



62, 28.942, 215.484



46, 48.688, 36.505

Rectangle

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



62, 28.942, 215.484



62, 28.942, 265.484



62, 28.942, 35.484



62, 28.942, 85.484

Sweetspot

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



62, 28.941, 215.483



87, 13.127, 212.808



65, 67.025, 142.191



46, 9.024, 212.855



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 28.941, 215.483



77, 38.589, 217.501



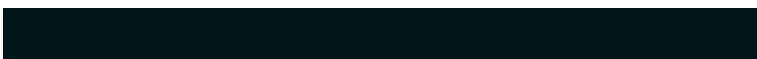
45, 44.041, 281.726



37, 3.253, 212.754



50, 29.866, 221.873



6, 7.731, 219.524

Inverse Universe

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



47, 65.457, 332.387



56, 90.003, 333.239



60, 45.099, 79.623



35, 6.134, 329.006



35, 70.900, 334.560



2, 14.121, 330.592

Previews

White Background



This preview shows how the CIE LCh color 62, 28.942, 215.484 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, 28.942, 215.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

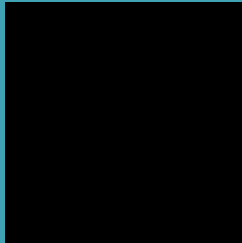
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 28.942, 215.484

Background



This preview shows how black text looks on a background with the CIELCh color 62, 28.942, 215.484.



This preview shows how white text looks on a background with the CIELCh color 62, 28.942, 215.484.

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, 28.942, 215.484

Protanopia
62, 11.810, 287.951

Deuteranopia
62, 20.253, 292.379

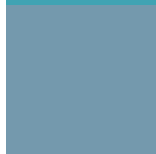


Tritanopia
62, 29.178, 211.767

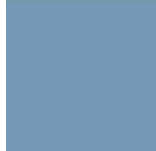
Trichromacy



Original Color
62, 28.942, 215.484



Protanomaly
61, 16.479, 241.940



Deuteranomaly
61, 19.742, 254.984

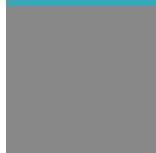


Tritanomaly
62, 29.033, 213.034

Monochromacy



Original Color
62, 28.942, 215.484



Achromatopsia
56, 0.007, 296.813



Achromatomaly
58, 13.140, 213.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 28.942, 215.484 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(64, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(64, 163, 179)  
}
```

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(64, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 163, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 28.942, 215.484 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(64, 163, 179) }
```

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

```
.border{ border-color:rgb(64, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 163, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 163, 179);  
box-shadow:4px 4px 4px 4px rgb(64, 163,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 28.942, 215.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 163, 179) }
```

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

```
.background{ background-color: rgb(64, 163,  
179) }
```

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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