

Converting Colors

CIELCh(64, 27.308, 219.864)

Have a look what the booklet for
CIELCh(64, 27.308, 219.864)
contains.

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Color

CIELCh(64, 27.251, 219.295)

Conversions

Conversions Part 1

Format	Color
Hex	4FA7B9
RGB	79, 167, 185
RGB Percent	31%, 65%, 73%
CMY	0.6902, 0.3451, 0.2745
CMYK	0.57, 0.10, 0.00, 0.27
HSL	190°, 43%, 52%
HSV	190°, 57%, 73%
XYZ	25.7994, 32.8017, 50.8694
YIQ	142.7400, -58.2260, -13.0580

Conversions

Conversions Part 2

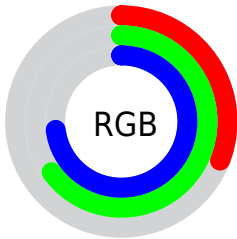
Format	Color
RYB	79, 127, 185
Decimal	5220281
CIELab	64.00, -21.09, -17.26
CIElCh	64, 27.251, 219.295
Yxy	32.8017, 0.2357, 0.2996
Android (android.graphics.Color)	4283410361 (0xFF4FA7B9)
YUV	142.7400, 20.8342, -55.9000
Hunter-Lab	57.2727, -19.8191, -12.5702

Details

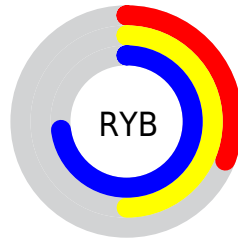
The CIELCh color **64, 27.251, 219.295** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **51, 42.707, 37.885**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 27.181, 219.657**, and **44, 26.950, 219.387** is the 20% darker color. If you saturate the color by 10%, you get **62, 30.014, 220.783**, and if you desaturate by 10%, it is **66, 23.775, 218.173**.

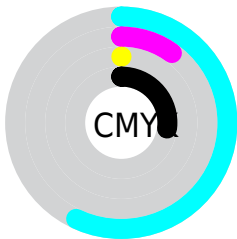
Distribution



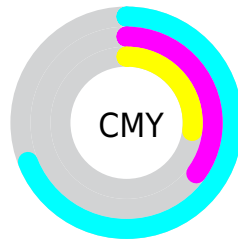
- Red (31%)
- Green (65%)
- Blue (73%)



- Red (31%)
- Yellow (50%)
- Blue (73%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)




- Cyan (69%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 27.251, 219.295 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 64, 27.251, 219.295 by changing the saturation by 10% instead.

 64, 27.251,
219.295

 64, 27.251,
219.295


 100, 27.251,
219.295


 54, 27.251,
219.295


 84, 27.251,
219.295

 44, 27.251,
219.295

 94, 27.251,
219.295

 34, 27.251,
219.295

 24, 27.251,
219.295

 14, 27.251,
219.295

 4, 27.251, 219.295

 0, 27.251, 219.295

64, 27.251,
219.295

64, 27.251,
219.295

62, 30.014,
220.783

66, 23.775,
218.173

61, 32.038,
222.714

67, 19.650,
217.354

60, 33.347,
225.155

69, 14.960,
216.782

59, 34.057,
228.130

71, 9.795, 216.414

74, 4.246, 216.248

58, 34.221,
228.966

76, 1.607, 35.689

78, 7.692, 35.920

81, 13.947, 35.998

83, 20.323, 36.110

Harmonies

Complementary

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



64, 27.251, 219.295



51, 42.707, 37.885

Rectangle

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



64, 27.251, 219.295



64, 27.251, 269.295



64, 27.251, 39.295



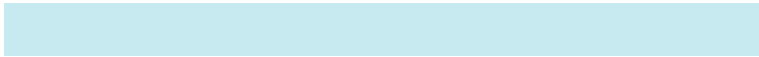
64, 27.251, 89.295

Sweetspot

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



64, 27.250, 219.293



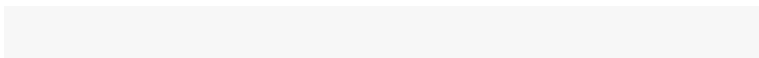
90, 11.884, 216.413



67, 60.929, 144.114



47, 7.896, 216.471



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 27.250, 219.293



79, 37.237, 221.282



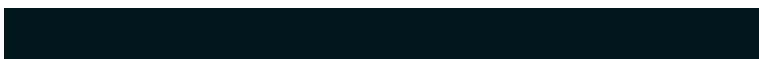
49, 42.067, 282.153



38, 3.260, 216.259



50, 30.101, 228.478



6, 8.633, 224.260

Inverse Universe

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



50, 60.177, 333.144



60, 84.900, 334.028



64, 42.043, 83.512



36, 6.144, 330.028



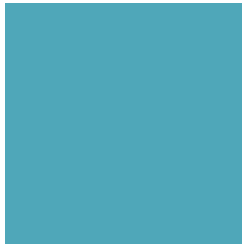
35, 70.100, 336.246



3, 15.842, 332.355

Previews

White Background



This preview shows how the CIE LCh color 64, 27.251, 219.295 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 CIE LCh color 64, 27.251, 219.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

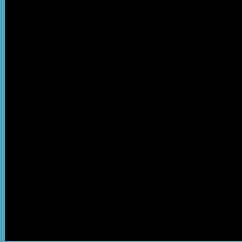
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 27.251, 219.295

Background



This preview shows how black text looks on a background with the CIELCh color 64, 27.251, 219.295.



This preview shows how white text looks on a background with the CIELCh color 64, 27.251, 219.295.

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

64, 27.251, 219.295

Protanopia

64, 12.871, 286.757

Deuteranopia

64, 21.253, 293.359



Tritanopia
64, 27.537, 212.729

Trichromacy



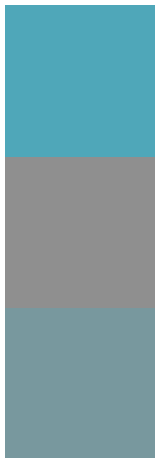
Original Color
64, 27.251, 219.295

Protanomaly
63, 16.119, 245.735

Deuteranomaly
63, 19.906, 259.909

Tritanomaly
64, 27.380, 214.078

Monochromacy



Original Color
64, 27.251, 219.295

Achromatopsia
59, 0.008, 296.813

Achromatomaly
61, 11.822, 215.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 27.251, 219.295 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(79, 167, 185)` looks like.

```
.text, #text, p{  
    color:rgb(79, 167, 185)  
}
```

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(79, 167, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 167, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 27.251, 219.295 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(79, 167, 185) }
```

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

```
.border{ border-color:rgb(79, 167, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 167, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 167, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 167, 185);  
box-shadow:4px 4px 4px 4px rgb(79, 167,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 27.251, 219.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 167, 185) }
```

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

```
.background{ background-color: rgb(79, 167,  
185) }
```

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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