

Converting Colors

CIELCh(64, 26.707, 222.696)

Have a look what the booklet for
CIELCh(64, 26.707, 222.696)
contains.

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Color

CIELCh(64, 26.825, 223.745)

Conversions

Conversions Part 1

Format	Color
Hex	52A6BB
RGB	82, 166, 187
RGB Percent	32%, 65%, 73%
CMY	0.6770, 0.3477, 0.2654
CMYK	0.56, 0.11, 0.00, 0.27
HSL	192°, 44%, 53%
HSV	192°, 56%, 73%
XYZ	26.2105, 32.8017, 52.1483
YIQ	143.2780, -56.8050, -11.2770

Conversions

Conversions Part 2

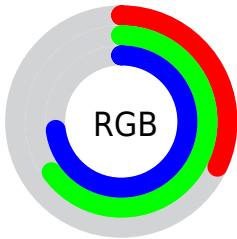
Format	Color
R _Y B	82, 129, 187
Decimal	5416635
CIE Lab	64.00, -19.38, -18.55
CIE LCh	64, 26.825, 223.745
Yxy	32.8017, 0.2358, 0.2951
Android (android.graphics.Color)	4283606715 (0xFF52A6BB)
YUV	143.2780, 21.5549, -53.7408
Hunter-Lab	57.2727, -18.5379, -13.8941

Details

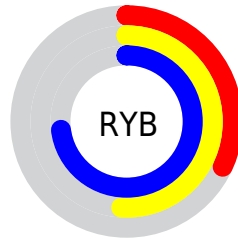
The CIELCh color **64, 26.825, 223.745** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 41.245, 40.196**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 26.890, 223.720**, and **44, 26.848, 223.899** is the 20% darker color. If you saturate the color by 10%, you get **62, 29.754, 225.531**, and if you desaturate by 10%, it is **66, 23.219, 222.374**.

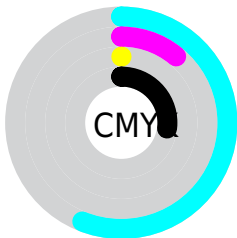
Distribution



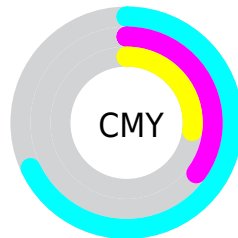
- Red (32%)
- Green (65%)
- Blue (73%)



- Red (32%)
- Yellow (51%)
- Blue (73%)



- Cyan (56%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (35%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 26.825, 223.745 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, 26.825, 223.745 by changing the saturation by 10% instead.

 64, 26.825,
223.745

 64, 26.825,
223.745


 100, 26.825,
223.745


 54, 26.825,
223.745


 84, 26.825,
223.745

 44, 26.825,
223.745

 94, 26.825,
223.745

 34, 26.825,
223.745

 24, 26.825,
223.745

 14, 26.825,
223.745

 4, 26.825, 223.745

 0, 26.825, 223.745

64, 26.825,
223.745

64, 26.825,
223.745

62, 29.754,
225.531

66, 23.219,
222.374

61, 31.982,
227.820

68, 19.001,
221.347

59, 33.535,
230.687

70, 14.250,
220.596

58, 34.515,
234.174

72, 9.054, 220.074

57, 34.852,
235.631

75, 3.497, 219.792

77, 2.344, 39.184

79, 8.400, 39.207

82, 14.617, 39.175

85, 20.946, 39.189

Harmonies

Complementary

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



64, 26.825, 223.745



53, 41.245, 40.196

Rectangle

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



64, 26.825, 223.745



64, 26.825, 273.745



64, 26.825, 43.745



64, 26.825, 93.745

Sweetspot

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



64, 26.824, 223.744



91, 11.887, 220.128



68, 58.905, 145.322



48, 7.901, 220.221



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 26.824, 223.744



79, 37.010, 225.963



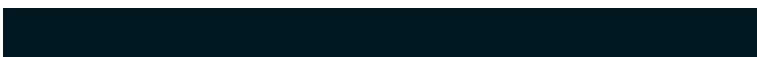
49, 43.510, 284.161



39, 3.277, 219.848



49, 30.704, 235.075



7, 9.499, 228.659

Inverse Universe

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



51, 58.477, 334.278



62, 82.972, 335.201



66, 42.449, 86.403



37, 6.151, 331.079



36, 69.348, 338.019



3, 17.624, 334.214

Previews

White Background



This preview shows how the CIELCh color 64, 26.825, 223.745 looks on a white background.

Color Contrast Check

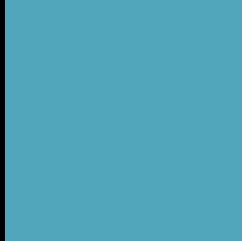
Large Text (above 18pt) WCAG AA × Fail

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 64, 26.825, 223.745 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, 26.825, 223.745

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.825, 223.745.



This preview shows how white text looks on a background with the CIELCh color 64, 26.825, 223.745.

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, 26.825, 223.745

Protanopia

64, 13.982, 287.280

Deuteranopia

64, 22.359, 292.541



Tritanopia
64, 26.769, 214.528

Trichromacy



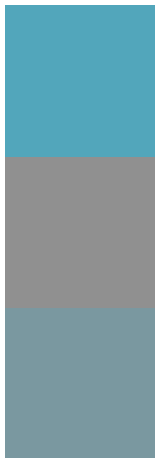
Original Color
64, 26.825, 223.745

Protanomaly
63, 16.668, 249.543

Deuteranomaly
64, 20.683, 262.552

Tritanomaly
64, 26.696, 217.175

Monochromacy



Original Color
64, 26.825, 223.745

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 11.477, 221.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.825, 223.745 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(82, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(82, 166, 187)  
}
```

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(82, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 166, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.825, 223.745 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(82, 166, 187) }
```

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

```
.border{ border-color:rgb(82, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(82, 166,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.825, 223.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 166, 187) }
```

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

```
.background{ background-color: rgb(82, 166,  
187) }
```

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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