

Converting Colors

CIELCh(56, 14.998, 224.883)

Have a look what the booklet for
CIELCh(56, 14.998, 224.883)
contains.

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Color

CIELCh(56, 14.926, 225.894)

Conversions

Conversions Part 1

Format	Color
Hex	658C98
RGB	101, 140, 152
RGB Percent	40%, 55%, 60%
CMY	0.6027, 0.4497, 0.4026
CMYK	0.33, 0.08, 0.00, 0.40
HSL	194°, 20%, 50%
HSV	194°, 33%, 60%
XYZ	20.5212, 23.9124, 33.3793
YIQ	129.7070, -27.0960, -4.5360

Conversions

Conversions Part 2

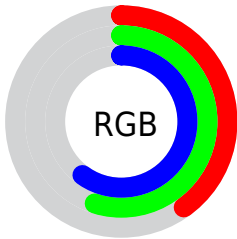
Format	Color
R_{YB}	101, 123, 152
Decimal	6655128
CIE _{Lab}	56.00, -10.39, -10.72
CIE _{LCh}	56, 14.926, 225.894
Yxy	23.9124, 0.2637, 0.3073
Android (android.graphics.Color)	4284845208 (0xFF658C98)
YUV	129.7070, 10.9904, -25.1760
Hunter-Lab	48.9003, -10.6673, -6.2410

Details

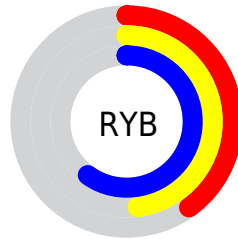
The CIELCh color `56, 14.926, 225.894` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `51, 18.625, 42.819`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `76, 14.784, 224.580`, and `36, 14.925, 225.367` is the 20% darker color. If you saturate the color by 10%, you get `54, 18.641, 227.068`, and if you desaturate by 10%, it is `58, 10.819, 225.000`.

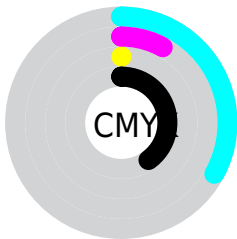
Distribution



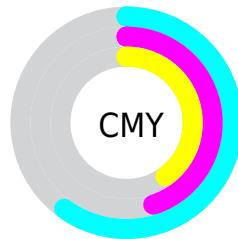
- Red (40%)
- Green (55%)
- Blue (60%)



- Red (40%)
- Yellow (48%)
- Blue (60%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)




- Cyan (60%)
- Magenta (45%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 14.926, 225.894 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 56, 14.926, 225.894 by changing the saturation by 10% instead.


 56, 14.926,
225.894


 56, 14.926,
225.894


 100, 14.926,
225.894


 46, 14.926,
225.894


 76, 14.926,
225.894

 36, 14.926,
225.894

 86, 14.926,
225.894

 26, 14.926,
225.894

 96, 14.926,
225.894

 16, 14.926,
225.894

 6, 14.926, 225.894

 0, 14.926, 225.894

56, 14.926,
225.894

56, 14.926,
225.894

54, 18.641,
227.068

58, 10.819,
225.000

52, 21.902,
228.599

60, 6.386, 224.351

62, 1.690, 224.040

51, 24.658,
230.562

64, 3.211, 43.285

49, 26.883,
233.043

67, 8.271, 43.115

48, 28.591,
236.122

69, 13.446, 42.966

71, 18.703, 42.872

46, 29.848,
239.849

74, 24.015, 42.823

45, 30.581,
242.431

76, 29.358, 42.812

Harmonies

Complementary

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



56, 14.926, 225.894



51, 18.625, 42.819

Rectangle

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



56, 14.926, 225.894



56, 14.926, 275.894



56, 14.926, 45.894



56, 14.926, 95.894

Sweetspot

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



56, 14.926, 225.890



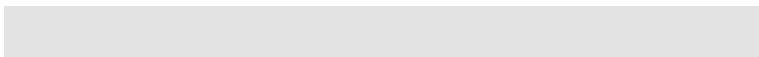
78, 5.933, 224.190



59, 29.772, 149.131



40, 4.025, 224.249



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 14.926, 225.890



70, 21.549, 226.720



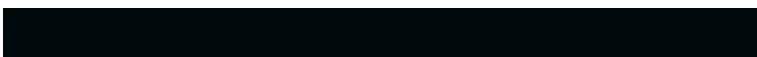
49, 22.317, 281.054



31, 2.714, 224.149



42, 28.750, 242.076



2, 2.983, 225.204

Inverse Universe

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



49, 29.911, 333.994



61, 44.157, 334.524



58, 21.913, 92.043



30, 5.041, 332.339



31, 62.044, 340.050



1, 5.364, 332.266

Previews

White Background



This preview shows how the CIELCh color 56, 14.926, 225.894 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 14.926, 225.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

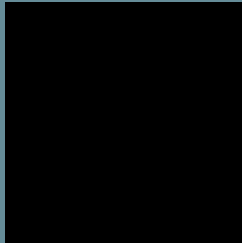
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

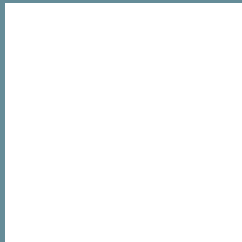
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 14.926, 225.894

Background



This preview shows how black text looks on a background with the CIELCh color 56, 14.926, 225.894.



This preview shows how white text looks on a background with the CIELCh color 56, 14.926, 225.894.

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

56, 14.926, 225.894

Protanopia

56, 8.599, 288.702

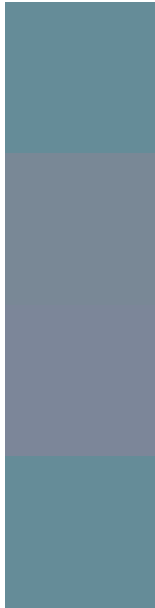
Deuteranopia

56, 14.069, 302.441



Tritanopia
56, 14.926, 225.894

Trichromacy



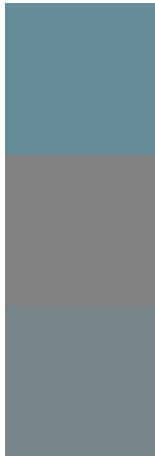
Original Color
56, 14.926, 225.894

Protanomaly
56, 9.580, 256.184

Deuteranomaly
56, 11.387, 272.824

Tritanomaly
56, 14.926, 225.894

Monochromacy



Original Color
56, 14.926, 225.894

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 5.733, 222.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 14.926, 225.894 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(101, 140, 152)` looks like.

```
.text, #text, p{  
    color:rgb(101, 140, 152)  
}
```

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(101, 140, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 140, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 14.926, 225.894 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(101, 140, 152) }
```

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

```
.border{ border-color:rgb(101, 140, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 140, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 140, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 140, 152);  
box-shadow:4px 4px 4px 4px rgb(101, 140,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 14.926, 225.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 140, 152) }
```

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

```
.background{ background-color: rgb(101,  
140, 152) }
```

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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