

Converting Colors

CIELCh(56, 63.408, 131.301)

Have a look what the booklet for
CIELCh(56, 63.408, 131.301)
contains.

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Color

CIELCh(56, 63.477, 131.475)

Conversions

Conversions Part 1

Format	Color
Hex	4F972B
RGB	79, 151, 43
RGB Percent	31%, 59%, 17%
CMY	0.6908, 0.4084, 0.8320
CMYK	0.48, 0.00, 0.72, 0.41
HSL	100°, 56%, 38%
HSV	100°, 72%, 59%
XYZ	14.6863, 23.9124, 6.1120
YIQ	117.1600, -8.2440, -48.8520

Conversions

Conversions Part 2

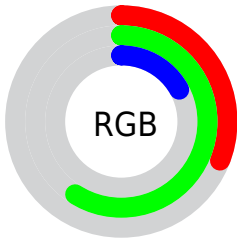
Format	Color
RYB	43, 151, 115
Decimal	5216043
CIELab	56.00, -42.04, 47.56
CIElCh	56, 63.477, 131.475
Yxy	23.9124, 0.3285, 0.5348
Android (android.graphics.Color)	4283406123 (0xFF4F972B)
YUV	117.1600, -36.5609, -33.4663
Hunter-Lab	48.9003, -31.9665, 26.8196

Details

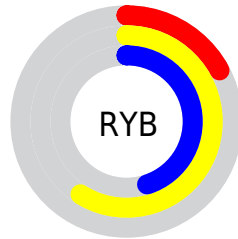
The CIELCh color **56, 63.477, 131.475** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **33, 66.943, 317.243**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 63.577, 131.495**, and **36, 58.672, 134.532** is the 20% darker color. If you saturate the color by 10%, you get **56, 69.688, 131.458**, and if you desaturate by 10%, it is **57, 56.030, 131.761**.

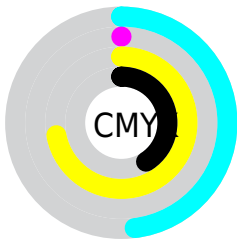
Distribution



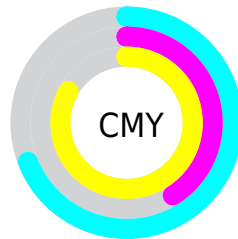
- Red (31%)
- Green (59%)
- Blue (17%)



- Red (17%)
- Yellow (59%)
- Blue (45%)



- Cyan (48%)
- Magenta (0%)
- Yellow (72%)
- Black (41%)





- Cyan (69%)
- Magenta (41%)
- Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 63.477, 131.475 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, 63.477, 131.475 by changing the saturation by 10% instead.


 56, 63.477,
131.475


 56, 63.477,
131.475


 100, 63.477,
131.475

 46, 63.477,
131.475


 76, 63.477,
131.475

 36, 63.477,
131.475

 86, 63.477,
131.475

 26, 63.477,
131.475

 96, 63.477,
131.475

 16, 63.477,
131.475

 6, 63.477, 131.475

 0, 63.477, 131.475

■ 56, 63.477,
131.475

■ 56, 63.477,
131.475

■ 56, 69.688,
131.458

■ 57, 56.030,
131.761

■ 55, 74.298,
131.822

■ 57, 47.720,
132.199

■ 55, 77.179,
132.285

■ 58, 38.853,
132.706

■ 59, 29.655,
133.226

■ 60, 20.288,
133.729

■ 61, 10.869,
134.200

■ 62, 1.483, 134.702

■ 63, 7.810, 314.967

■ 65, 16.968,
315.309

Harmonies

Complementary

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



56, 63.477, 131.475



33, 66.943, 317.243

Rectangle

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



56, 63.477, 131.475



56, 63.477, 181.475



56, 63.477, 311.475



56, 63.477, 1.475

Sweetspot

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



56, 63.477, 131.476



76, 24.457, 133.737



51, 44.178, 81.513



40, 16.686, 133.613



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, 63.477, 131.476



71, 88.378, 131.630



55, 62.326, 142.249



32, 5.354, 134.306



51, 73.106, 132.195



3, 5.790, 134.852

Inverse Universe

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



33, 66.943, 317.243



39, 93.366, 317.047



38, 60.453, 333.918



30, 5.401, 315.029



24, 77.126, 316.557



1, 5.765, 314.308

Previews

White Background



This preview shows how the CIELCh color 56, 63.477, 131.475 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 CIELCh color 56, 63.477, 131.475 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, 63.477, 131.475

Background



This preview shows how black text looks on a background with the CIELCh color 56, 63.477, 131.475.



This preview shows how white text looks on a background with the CIELCh color 56, 63.477, 131.475.

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, 63.477, 131.475

Protanopia
56, 51.060, 95.488

Deuteranopia
56, 45.741, 81.138



Tritanopia
56, 16.119, 221.296

Trichromacy



Original Color
56, 63.477, 131.475

Protanomaly
55, 52.629, 111.966

Deuteranomaly
55, 46.669, 105.624

Tritanomaly
56, 28.388, 155.272

Monochromacy



Original Color
56, 63.477, 131.475

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 24.975, 133.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 63.477, 131.475 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, 151, 43)` looks like.

```
.text, #text, p{  
    color:rgb(79, 151, 43)  
}
```

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, 151, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 151, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 63.477, 131.475 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, 151, 43) }
```

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

```
.border{ border-color:rgb(79, 151, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 151, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 151, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 151, 43);  
box-shadow:4px 4px 4px 4px rgb(79, 151,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 63.477, 131.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 151, 43) }
```

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

```
.background{ background-color: rgb(79, 151,  
43) }
```

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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