

Converting Colors

CIELCh(49, 32.865, 143.927)

Have a look what the booklet for
CIELCh(49, 32.865, 143.927)
contains.

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Color

CIELCh(49, 32.865, 143.927)

Conversions

Conversions Part 1

Format	Color
Hex	4F8053
RGB	79, 128, 83
RGB Percent	31%, 50%, 33%
CMY	0.6918, 0.4997, 0.6760
CMYK	0.38, 0.00, 0.35, 0.50
HSL	125°, 24%, 40%
HSV	125°, 38%, 50%
XYZ	12.4028, 17.5941, 10.8482
YIQ	108.2190, -14.7590, -24.3830

Conversions

Conversions Part 2

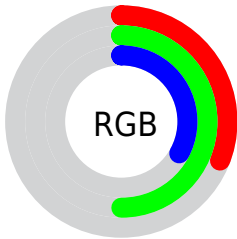
Format	Color
R_{YB}	79, 124, 128
Decimal	5210195
CIE _{Lab}	49.00, -26.56, 19.35
CIE _{LCh}	49, 32.865, 143.927
Yxy	17.5941, 0.3037, 0.4308
Android (android.graphics.Color)	4283400275 (0xFF4F8053)
YUV	108.2190, -12.4330, -25.6251
Hunter-Lab	41.9453, -20.6234, 14.0277

Details

The CIELCh color $49, 32.865, 143.927$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $40, 32.842, 328.845$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 32.743, 144.112$, and $29, 32.748, 143.640$ is the 20% darker color. If you saturate the color by 10%, you get $48, 41.016, 142.906$, and if you desaturate by 10%, it is $50, 24.404, 144.822$.

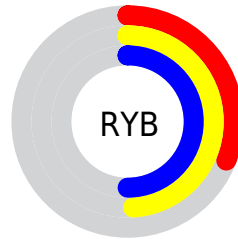
Distribution



Red (31%)

Green (50%)

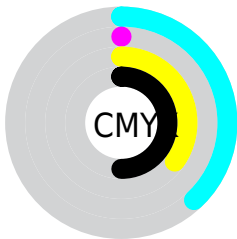
Blue (33%)



Red (31%)

Yellow (49%)

Blue (50%)

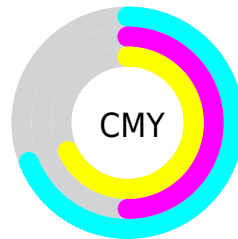


Cyan (38%)

Magenta (0%)

Yellow (35%)

Black (50%)



Cyan (69%)


Magenta (50%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 32.865, 143.927 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 49, 32.865, 143.927 by changing the saturation by 10% instead.


 49, 32.865,
143.927


 49, 32.865,
143.927


 100, 32.865,
143.927


 39, 32.865,
143.927

 69, 32.865,
143.927


 29, 32.865,
143.927

 79, 32.865,
143.927

 19, 32.865,
143.927

 89, 32.865,
143.927

 9, 32.865, 143.927

 99, 32.865,
143.927

 0, 32.865, 143.927

 49, 32.865,

 49, 32.865,

143.927

143.927

■ 48, 41.016,
142.906

■ 50, 24.404,
144.822

■ 48, 48.658,
141.765

■ 51, 15.796,
145.599

■ 47, 55.563,
140.531

■ 52, 7.172, 146.278

■ 47, 61.485,
139.263

■ 54, 1.367, 326.673

■ 55, 9.749, 327.286

■ 46, 66.172,
138.056

■ 57, 17.927,
327.716

■ 46, 69.506,
137.124

■ 58, 25.870,
328.081

■ 46, 69.934,
137.035

■ 60, 33.562,
328.397

■ 62, 40.999,

Harmonies

Complementary

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



49, 32.865, 143.927



40, 32.842, 328.845

Rectangle

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



49, 32.865, 143.927



49, 32.865, 193.927



49, 32.865, 323.927



49, 32.865, 13.927

Sweetspot

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



49, 32.866, 143.927



66, 12.728, 146.023



52, 27.831, 109.626



34, 8.513, 145.953



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 32.866, 143.927



62, 48.368, 143.049



50, 22.617, 163.717



26, 4.814, 146.232



46, 69.898, 137.036



0, 0.000, 0.000

Inverse Universe

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



40, 32.842, 328.845



49, 48.189, 329.311



40, 24.069, 351.297



25, 4.824, 327.205



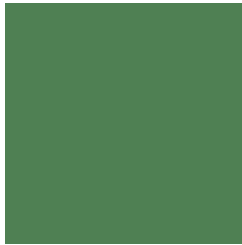
29, 64.951, 331.672



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 32.865, 143.927 looks on a white 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

Black Background



This preview shows how the CIELCh color 49, 32.865, 143.927 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 49, 32.865, 143.927

Background



This preview shows how black text looks on a background with the CIELCh color 49, 32.865, 143.927.



This preview shows how white text looks on a background with the CIELCh color 49, 32.865, 143.927.

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


49, 32.865, 143.927

Protanopia

49, 22.522, 95.563

Deuteranopia

49, 18.946, 69.923



Tritanopia
49, 13.089, 222.239

Trichromacy



Original Color
49, 32.865, 143.927

Protanomaly
49, 23.598, 118.938

Deuteranomaly
48, 18.600, 109.019

Tritanomaly
49, 16.314, 174.258

Monochromacy



Original Color
49, 32.865, 143.927

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 12.078, 146.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 32.865, 143.927 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, 128, 83)` looks like.

```
.text, #text, p{  
    color:rgb(79, 128, 83)  
}
```

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, 128, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 128, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 32.865, 143.927 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, 128, 83) }
```

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

```
.border{ border-color:rgb(79, 128, 83) }
```

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

Here you see how a box with a 4 pixel rgb(79, 128, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 128, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 128, 83);  
box-shadow:4px 4px 4px 4px rgb(79, 128,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 32.865, 143.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 128, 83) }
```

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

```
.background{ background-color: rgb(79, 128,  
83) }
```

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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