

Converting Colors

CIELCh(43, 46.080, 149.479)

Have a look what the booklet for
CIELCh(43, 46.080, 149.479)
contains.

CIELCh(43, 46.255, 149.487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 46.255, 149.487)

Conversions

Conversions Part 1

Format	Color
Hex	16753D
RGB	22, 117, 61
RGB Percent	9%, 46%, 24%
CMY	0.9118, 0.5424, 0.7619
CMYK	0.81, 0.00, 0.48, 0.54
HSL	144°, 68%, 27%
HSV	144°, 81%, 46%
XYZ	7.5002, 13.1578, 6.5184
YIQ	82.2110, -38.6440, -37.5560

Conversions

Conversions Part 2

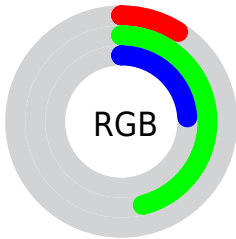
Format	Color
R_{YB}	22, 89, 117
Decimal	1471805
CIE Lab	43.00, -39.85, 23.49
CIE LCh	43, 46.255, 149.487
Yxy	13.1578, 0.2760, 0.4842
Android (android.graphics.Color)	4279661885 (0xFF16753D)
YUV	82.2110, -10.4570, -52.8050
Hunter-Lab	36.2736, -26.5708, 14.7371

Details

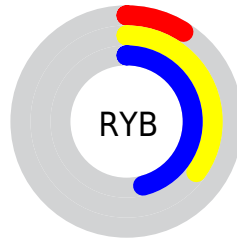
The CIELCh color **43, 46.255, 149.487** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **26, 45.704, 347.719**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 46.513, 149.459**, and **24, 39.940, 141.863** is the 20% darker color. If you saturate the color by 10%, you get **43, 50.223, 147.583**, and if you desaturate by 10%, it is **43, 41.723, 151.212**.

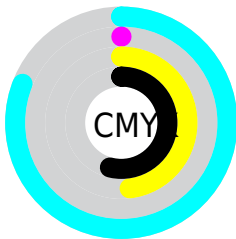
Distribution



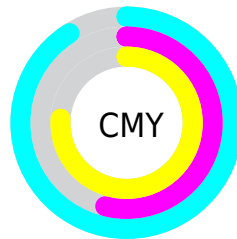
- Red (9%)
- Green (46%)
- Blue (24%)



- Red (9%)
- Yellow (35%)
- Blue (46%)



- Cyan (81%)
- Magenta (0%)
- Yellow (48%)
- Black (54%)




- Cyan (91%)
- Magenta (54%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 46.255, 149.487 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 43, 46.255, 149.487 by changing the saturation by 10% instead.

 43, 46.255,
149.487


 43, 46.255,
149.487


 100, 46.255,
149.487

 33, 46.255,
149.487

 63, 46.255,
149.487


 23, 46.255,
149.487

 73, 46.255,
149.487

 13, 46.255,
149.487

 83, 46.255,
149.487

 3, 46.255, 149.487

 93, 46.255,
149.487

 0, 46.255, 149.487

 43, 46.255,

 43, 46.255,

149.487

149.487

■ 43, 50.223,
147.583

■ 43, 41.723,
151.212

■ 43, 53.567,
145.862

■ 44, 36.673,
152.751

■ 44, 31.180,
154.111

■ 45, 25.342,
155.309

■ 46, 19.258,
156.366

■ 47, 13.027,
157.304

■ 48, 6.732, 158.149

■ 49, 0.447, 159.414

Harmonies

Complementary

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



43, 46.255, 149.487



26, 45.704, 347.719

Rectangle

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



43, 46.255, 149.487



43, 46.255, 199.487



43, 46.255, 329.487



43, 46.255, 19.487

Sweetspot

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



43, 46.255, 149.487



59, 18.569, 156.954



45, 52.319, 122.678



30, 12.846, 156.685



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 46.255, 149.487



54, 63.979, 145.846



44, 28.370, 184.721



24, 3.547, 158.286



45, 55.581, 145.739



87, 96.945, 144.442

Inverse Universe

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



26, 45.704, 347.719



33, 58.625, 352.042



25, 45.093, 26.180



23, 3.576, 339.510



26, 50.955, 352.183



55, 85.575, 354.057

Previews

White Background



This preview shows how the CIELCh color 43, 46.255, 149.487 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 CIE LCh color 43, 46.255, 149.487 looks on a black 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

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

CIELCh 43, 46.255, 149.487

Background



This preview shows how black text looks on a background with the CIELCh color 43, 46.255, 149.487.



This preview shows how white text looks on a background with the CIELCh color 43, 46.255, 149.487.

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

43, 46.362, 149.602

Protanopia

43, 27.491, 96.101

Deuteranopia

43, 22.220, 75.221



Tritanopia
43, 20.052, 213.173

Trichromacy



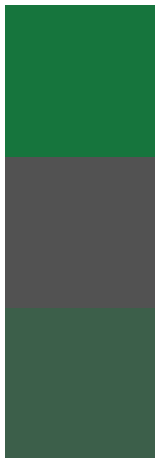
Original Color
43, 46.362, 149.602

Protanomaly
42, 31.836, 129.094

Deuteranomaly
42, 25.022, 125.556

Tritanomaly
43, 26.174, 177.516

Monochromacy



Original Color
43, 46.362, 149.602

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 19.525, 155.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 46.255, 149.487 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(22, 117, 61)` looks like.

```
.text, #text, p{  
    color:rgb(22, 117, 61)  
}
```

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(22, 117, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 117, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 46.255, 149.487 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(22, 117, 61) }
```

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

```
.border{ border-color:rgb(22, 117, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 117, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 117, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 117, 61);  
box-shadow:4px 4px 4px 4px rgb(22, 117,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 46.255, 149.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 117, 61) }
```

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

```
.background{ background-color: rgb(22, 117,  
61) }
```

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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