

Converting Colors

CIELCh(43, 54.091, 126.646)

Have a look what the booklet for
CIELCh(43, 54.091, 126.646)
contains.

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Color

CIELCh(43, 54.091, 126.646)

Conversions

Conversions Part 1

Format	Color
Hex	427213
RGB	66, 114, 19
RGB Percent	26%, 45%, 7%
CMY	0.7424, 0.5541, 0.9270
CMYK	0.42, 0.00, 0.84, 0.55
HSL	90°, 72%, 26%
HSV	90°, 84%, 45%
XYZ	8.3221, 13.1578, 2.7004
YIQ	88.8180, 1.8870, -39.7210

Conversions

Conversions Part 2

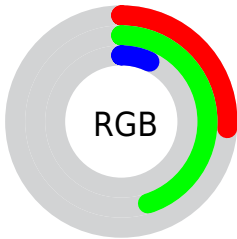
Format	Color
RYB	19, 114, 67
Decimal	4354579
CIELab	43.00, -32.29, 43.40
CIElCh	43, 54.091, 126.646
Yxy	13.1578, 0.3442, 0.5442
Android (android.graphics.Color)	4282544659 (0xFF427213)
YUV	88.8180, -34.4203, -20.0114
Hunter-Lab	36.2736, -22.5262, 20.9777

Details

The CIELCh color $43, 54.091, 126.646$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $19, 60.815, 312.699$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $63, 53.959, 126.351$, and $23, 43.153, 134.361$ is the 20% darker color. If you saturate the color by 10%, you get $43, 57.674, 127.185$, and if you desaturate by 10%, it is $43, 49.382, 126.481$.

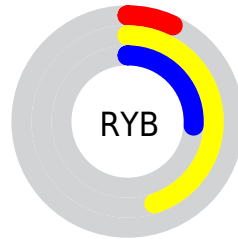
Distribution



Red (26%)

Green (45%)

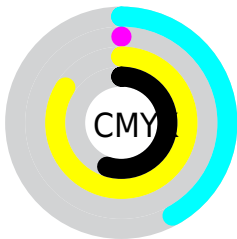
Blue (7%)



Red (7%)

Yellow (45%)

Blue (26%)

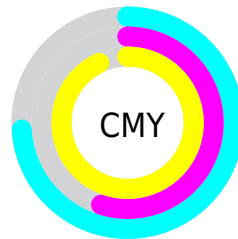


Cyan (42%)

Magenta (0%)

Yellow (84%)

Black (55%)



Cyan (74%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 54.091, 126.646 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, 54.091, 126.646 by changing the saturation by 10% instead.


 43, 54.091,
126.646

 43, 54.091,
126.646


 100, 54.091,
126.646

 33, 54.091,
126.646

 63, 54.091,
126.646

 23, 54.091,
126.646

 73, 54.091,
126.646

 13, 54.091,
126.646

 83, 54.091,
126.646

 3, 54.091, 126.646

 93, 54.091,
126.646

 0, 54.091, 126.646

 43, 54.091,

 43, 54.091,

126.646

126.646

■ 43, 57.674,
127.185

■ 43, 49.382,
126.481

■ 42, 59.794,
127.494

■ 44, 43.765,
126.601

■ 44, 37.513,
126.904

■ 45, 30.843,
127.309

■ 45, 23.916,
127.760

■ 46, 16.846,
128.223

■ 47, 9.712, 128.677

■ 48, 2.570, 129.127

Harmonies

Complementary

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



43, 54.091, 126.646



19, 60.815, 312.699

Rectangle

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



43, 54.091, 126.646



43, 54.091, 176.646



43, 54.091, 306.646



43, 54.091, 356.646

Sweetspot

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



43, 54.091, 126.647



59, 22.117, 128.129



33, 39.339, 64.990



30, 14.984, 128.005



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 54.091, 126.647



55, 72.591, 127.921



41, 60.877, 137.166



23, 3.964, 128.883



45, 62.144, 127.588



87, 107.088, 128.506

Inverse Universe

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



19, 60.815, 312.699



22, 82.891, 312.211



27, 59.366, 327.999



21, 4.014, 309.610



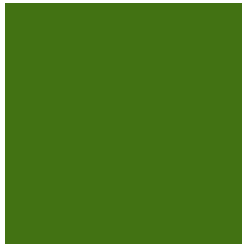
17, 71.041, 312.439



40, 122.042, 311.807

Previews

White Background



This preview shows how the CIELCh color 43, 54.091, 126.646 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, 54.091, 126.646 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, 54.091, 126.646

Background



This preview shows how black text looks on a background with the CIELCh color 43, 54.091, 126.646.



This preview shows how white text looks on a background with the CIELCh color 43, 54.091, 126.646.

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, 54.091, 126.646

Protanopia

43, 45.771, 95.247

Deuteranopia

43, 41.390, 82.257



Tritanopia
43, 10.950, 224.624

Trichromacy



Original Color
43, 54.091, 126.646

Protanomaly
43, 47.172, 109.302

Deuteranomaly
42, 42.211, 101.875

Tritanomaly
43, 23.209, 146.369

Monochromacy



Original Color
43, 54.091, 126.646

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 21.845, 127.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 54.091, 126.646 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(66, 114, 19)` looks like.

```
.text, #text, p{  
    color:rgb(66, 114, 19)  
}
```

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(66, 114, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 114, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 54.091, 126.646 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(66, 114, 19) }
```

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

```
.border{ border-color:rgb(66, 114, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 114, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 114, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 114, 19);  
box-shadow:4px 4px 4px 4px rgb(66, 114,  
19) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 54.091, 126.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 114, 19) }
```

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

```
.background{ background-color: rgb(66, 114,  
19) }
```

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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