

Converting Colors

CIELCh(44, 26.988, 149.489)

Have a look what the booklet for
CIELCh(44, 26.988, 149.489)
contains.

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Color

CIELCh(44, 26.912, 149.824)

Conversions

Conversions Part 1

Format	Color
Hex	457251
RGB	69, 114, 81
RGB Percent	27%, 45%, 32%
CMY	0.7302, 0.5537, 0.6831
CMYK	0.40, 0.00, 0.29, 0.55
HSL	136°, 25%, 36%
HSV	136°, 40%, 45%
XYZ	9.9129, 13.8382, 9.8958
YIQ	96.7830, -16.2270, -19.8030

Conversions

Conversions Part 2

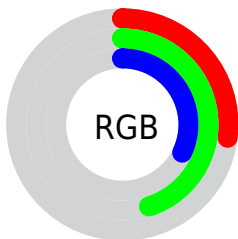
Format	Color
RYB	69, 105, 114
Decimal	4551249
CIELab	44.00, -23.27, 13.53
CIELCh	44, 26.912, 149.824
Yxy	13.8382, 0.2946, 0.4113
Android (android.graphics.Color)	4282741329 (0xFF457251)
YUV	96.7830, -7.7810, -24.3657
Hunter-Lab	37.1997, -17.5331, 10.2677

Details


The CIELCh color $44, 26.912, 149.824$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $36, 27.133, 335.644$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 27.031, 149.626$, and $24, 27.159, 149.421$ is the 20% darker color. If you saturate the color by 10%, you get $43, 33.396, 148.715$, and if you desaturate by 10%, it is $45, 20.199, 150.793$.

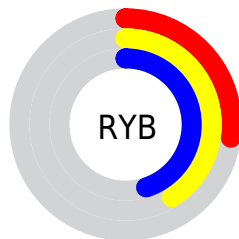
Distribution



 Red (27%)

 Green (45%)

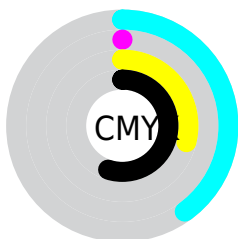
 Blue (32%)




 Red (27%)

 Yellow (41%)

 Blue (45%)

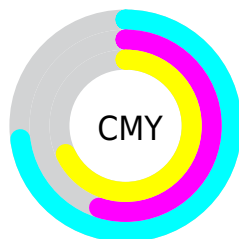



 Cyan (40%)


 Magenta (0%)

 Yellow (29%)

 Black (55%)



 Cyan (73%)

 Magenta (55%)

 Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 26.912, 149.824 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 44, 26.912, 149.824 by changing the saturation by 10% instead.


 44, 26.912,
149.824


 44, 26.912,
149.824


 100, 26.912,
149.824

 34, 26.912,
149.824

 64, 26.912,
149.824

 24, 26.912,
149.824

 74, 26.912,
149.824

 14, 26.912,
149.824

 84, 26.912,
149.824

 4, 26.912, 149.824

 94, 26.912,
149.824

 0, 26.912, 149.824

 44, 26.912,

 44, 26.912,

149.824

149.824

■ 43, 33.396,
148.715

■ 45, 20.199,
150.793

■ 43, 39.527,
147.451

■ 46, 13.364,
151.641

■ 42, 45.182,
146.026

■ 47, 6.500, 152.394

■ 42, 50.246,
144.446

■ 48, 0.318, 332.324

■ 49, 7.034, 333.544

■ 42, 54.623,
142.742

■ 51, 13.606,
334.064

■ 41, 58.402,
141.139

■ 52, 20.009,
334.520

■ 41, 58.567,
141.076

■ 54, 26.226,
334.927

■ 55, 32.248,

Harmonies

Complementary

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



44, 26.912, 149.824



36, 27.133, 335.644

Rectangle

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



44, 26.912, 149.824



44, 26.912, 199.824



44, 26.912, 329.824



44, 26.912, 19.824

Sweetspot

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



44, 26.913, 149.824



60, 10.151, 152.192



46, 26.639, 118.255



30, 6.693, 152.125



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 26.913, 149.824



56, 39.339, 148.870



45, 18.170, 177.047



23, 3.787, 152.434



44, 60.940, 140.958



86, 106.846, 139.829

Inverse Universe

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



36, 27.133, 335.644



43, 39.575, 336.317



35, 20.961, 5.279



22, 3.803, 333.505



26, 54.350, 341.833



55, 91.896, 342.847

Previews

White Background



This preview shows how the CIELCh color 44, 26.912, 149.824 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 44, 26.912, 149.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

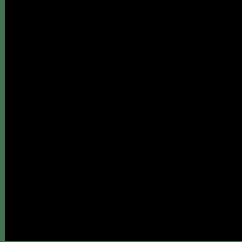
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 26.912, 149.824

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.912, 149.824.



This preview shows how white text looks on a background with the CIELCh color 44, 26.912, 149.824.

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


44, 26.912, 149.824

Protanopia

44, 16.472, 95.058

Deuteranopia

44, 13.219, 65.920



Tritanopia
44, 12.600, 223.760

Trichromacy



Original Color
44, 26.912, 149.824

Protanomaly
44, 17.860, 123.425

Deuteranomaly
43, 13.206, 115.904

Tritanomaly
44, 14.821, 181.171

Monochromacy



Original Color
44, 26.912, 149.824

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 9.900, 151.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.912, 149.824 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(69, 114, 81)` looks like.

```
.text, #text, p{  
    color:rgb(69, 114, 81)  
}
```

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(69, 114, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 114, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.912, 149.824 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(69, 114, 81) }
```

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

```
.border{ border-color:rgb(69, 114, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 114, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 114, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 114, 81);  
box-shadow:4px 4px 4px 4px rgb(69, 114,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.912, 149.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 114, 81) }
```

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

```
.background{ background-color: rgb(69, 114,  
81) }
```

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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