

Converting Colors

CIELCh(44, 29.239, 146.426)

Have a look what the booklet for
CIELCh(44, 29.239, 146.426)
contains.

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Color

CIELCh(44, 29.229, 146.063)

Conversions

Conversions Part 1

Format	Color
Hex	45724C
RGB	69, 114, 76
RGB Percent	27%, 45%, 30%
CMY	0.7292, 0.5527, 0.7017
CMYK	0.39, 0.00, 0.33, 0.55
HSL	129°, 25%, 36%
HSV	129°, 39%, 45%
XYZ	9.7890, 13.8382, 9.0028
YIQ	96.2130, -14.6220, -21.3580

Conversions

Conversions Part 2

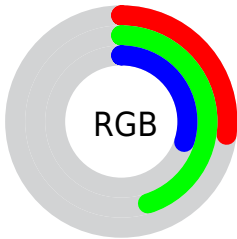
Format	Color
R_{YB}	69, 108, 114
Decimal	4551244
CIE _{Lab}	44.00, -24.25, 16.32
CIE _{LCh}	44, 29.229, 146.063
Yxy	13.8382, 0.3000, 0.4241
Android (android.graphics.Color)	4282741324 (0xFF45724C)
YUV	96.2130, -9.9650, -23.8658
Hunter-Lab	37.1997, -18.1277, 11.6909

Details

The CIELCh color $44, 29.229, 146.063$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $36, 29.266, 331.337$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 29.215, 146.128$, and $24, 29.798, 145.803$ is the 20% darker color. If you saturate the color by 10%, you get $43, 36.290, 145.010$, and if you desaturate by 10%, it is $45, 21.912, 146.983$.

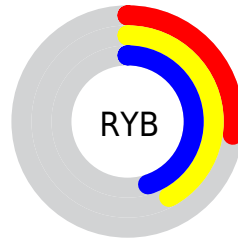
Distribution



Red (27%)

Green (45%)

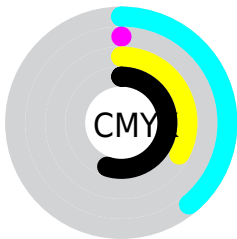
Blue (30%)



Red (27%)

Yellow (42%)

Blue (45%)

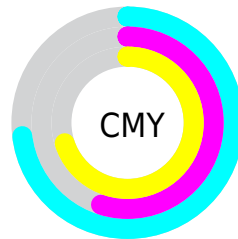


Cyan (39%)

Magenta (0%)

Yellow (33%)

Black (55%)



Cyan (73%)

Magenta (55%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 29.229, 146.063 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, 29.229, 146.063 by changing the saturation by 10% instead.

 44, 29.229,
146.063


 44, 29.229,
146.063


 100, 29.229,
146.063

 34, 29.229,
146.063

 64, 29.229,
146.063


 24, 29.229,
146.063

 74, 29.229,
146.063

 14, 29.229,
146.063

 84, 29.229,
146.063

 4, 29.229, 146.063

 94, 29.229,
146.063

 0, 29.229, 146.063

 44, 29.229,

 44, 29.229,

146.063

146.063

■ 43, 36.290,
145.010

■ 45, 21.912,
146.983

■ 43, 42.942,
143.820

■ 46, 14.466,
147.783

■ 42, 49.021,
142.501

■ 47, 6.998, 148.485

■ 42, 54.359,
141.088

■ 48, 0.407, 328.568

■ 49, 7.687, 329.542

■ 42, 58.792,
139.643

■ 51, 14.802,
330.004

■ 41, 62.327,
138.424

■ 52, 21.722,
330.401

■ 41, 62.499,
138.374

■ 54, 28.432,
330.749

■ 56, 34.925,

Harmonies

Complementary

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



44, 29.229, 146.063



36, 29.266, 331.337

Rectangle

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



44, 29.229, 146.063



44, 29.229, 196.063



44, 29.229, 326.063



44, 29.229, 16.063

Sweetspot

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



44, 29.230, 146.063



60, 11.009, 148.292



46, 26.227, 113.271



30, 7.258, 148.230



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, 29.230, 146.063



56, 42.736, 145.149



45, 19.816, 168.754



23, 4.105, 148.517



43, 64.881, 138.288



85, 113.018, 137.463

Inverse Universe

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



36, 29.266, 331.337



44, 42.651, 331.873



35, 21.721, 356.884



22, 4.116, 329.503



27, 58.817, 335.251



57, 99.795, 335.724

Previews

White Background



This preview shows how the CIELCh color 44, 29.229, 146.063 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, 29.229, 146.063 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, 29.229, 146.063

Background



This preview shows how black text looks on a background with the CIELCh color 44, 29.229, 146.063.



This preview shows how white text looks on a background with the CIELCh color 44, 29.229, 146.063.

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, 29.229, 146.063

Protanopia

44, 19.316, 96.432

Deuteranopia

44, 16.071, 67.568



Tritanopia
44, 12.309, 224.433

Trichromacy



Original Color
44, 29.229, 146.063

Protanomaly
44, 21.314, 121.736

Deuteranomaly
43, 15.456, 109.563

Tritanomaly
44, 14.746, 178.651

Monochromacy



Original Color
44, 29.229, 146.063

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 11.103, 148.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 29.229, 146.063 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(69, 114, 76)  
}
```

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, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 114, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 29.229, 146.063 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, 76) }
```

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

```
.border{ border-color:rgb(69, 114, 76) }
```

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, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 114, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 114, 76);  
box-shadow:4px 4px 4px 4px rgb(69, 114,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 29.229, 146.063 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, 76) }
```

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

```
.background{ background-color: rgb(69, 114,  
76) }
```

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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