

Converting Colors

CIELCh(44, 28.925, 156.595)

Have a look what the booklet for
CIELCh(44, 28.925, 156.595)
contains.

CIELCh(44, 28.925, 156.595)	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(44, 28.925, 156.595)

Conversions

Conversions Part 1

Format	Color
Hex	3A7354
RGB	58, 115, 84
RGB Percent	23%, 45%, 33%
CMY	0.7720, 0.5485, 0.6701
CMYK	0.50, 0.00, 0.27, 0.55
HSL	147°, 33%, 34%
HSV	147°, 50%, 45%
XYZ	9.5042, 13.8382, 10.5839
YIQ	94.4230, -24.0210, -21.7250

Conversions

Conversions Part 2

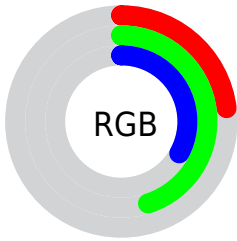
Format	Color
RYB	58, 97, 115
Decimal	3830612
CIELab	44.00, -26.55, 11.49
CIElCh	44, 28.925, 156.595
Yxy	13.8382, 0.2801, 0.4079
Android (android.graphics.Color)	4282020692 (0xFF3A7354)
YUV	94.4230, -5.1385, -31.9430
Hunter-Lab	37.1997, -19.4942, 9.1709

Details

The CIELCh color $44, 28.925, 156.595$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $33, 30.096, 345.984$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 28.523, 156.996$, and $24, 28.658, 156.824$ is the 20% darker color. If you saturate the color by 10%, you get $43, 34.141, 155.239$, and if you desaturate by 10%, it is $45, 23.381, 157.793$.

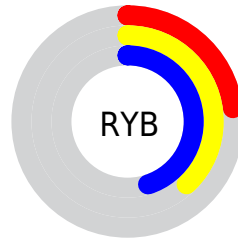
Distribution



Red (23%)

Green (45%)

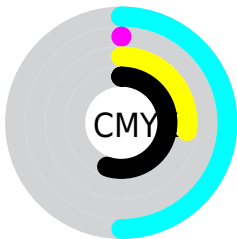
Blue (33%)



Red (23%)

Yellow (38%)

Blue (45%)

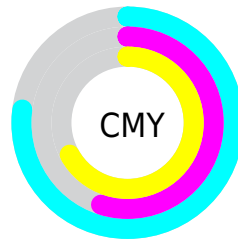


Cyan (50%)

Magenta (0%)

Yellow (27%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 28.925, 156.595 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, 28.925, 156.595 by changing the saturation by 10% instead.


 44, 28.925,
156.595

 44, 28.925,
156.595


 100, 28.925,
156.595

 34, 28.925,
156.595

 64, 28.925,
156.595

 24, 28.925,
156.595

 74, 28.925,
156.595

 14, 28.925,
156.595

 84, 28.925,
156.595

 4, 28.925, 156.595

 94, 28.925,
156.595

 0, 28.925, 156.595

 44, 28.925,

 44, 28.925,

156.595

156.595

■ 43, 34.141,
155.239

■ 45, 23.381,
157.793

■ 43, 38.939,
153.708

■ 46, 17.602,
158.856

■ 43, 43.250,
151.989

■ 46, 11.678,
159.806

■ 42, 47.034,
150.080

■ 47, 5.689, 160.674

■ 42, 50.450,
148.165

■ 49, 0.298, 340.515

■ 50, 6.229, 342.039

■ 42, 50.616,
148.079

■ 51, 12.065,
342.691

■ 52, 17.777,
343.281

■ 54, 23.346,

343.824

Harmonies

Complementary

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



44, 28.925, 156.595



33, 30.096, 345.984

Rectangle

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



44, 28.925, 156.595



44, 28.925, 206.595



44, 28.925, 336.595



44, 28.925, 26.595

Sweetspot

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



44, 28.926, 156.595



60, 11.182, 160.171



45, 34.669, 125.058



31, 7.688, 160.024



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 28.926, 156.595



56, 42.051, 155.089



45, 19.887, 192.242



24, 3.419, 160.713



45, 53.059, 147.918



87, 92.535, 146.583

Inverse Universe

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



33, 30.096, 345.984



40, 43.710, 347.485



32, 27.050, 20.904



23, 3.453, 341.993



25, 49.971, 356.445



54, 84.096, 358.673

Previews

White Background



This preview shows how the CIELCh color 44, 28.925, 156.595 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, 28.925, 156.595 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, 28.925, 156.595

Background



This preview shows how black text looks on a background with the CIELCh color 44, 28.925, 156.595.



This preview shows how white text looks on a background with the CIELCh color 44, 28.925, 156.595.

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, 28.925, 156.595

Protanopia

44, 14.745, 93.917

Deuteranopia

44, 11.134, 59.911



Tritanopia
44, 15.856, 215.549

Trichromacy



Original Color
44, 28.925, 156.595

Protanomaly
43, 16.798, 130.691

Deuteranomaly
44, 11.984, 127.371

Tritanomaly
44, 18.475, 184.100

Monochromacy



Original Color
44, 28.925, 156.595

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 10.672, 159.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 28.925, 156.595 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(58, 115, 84)` looks like.

```
.text, #text, p{  
    color:rgb(58, 115, 84)  
}
```

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(58, 115, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 115, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 28.925, 156.595 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(58, 115, 84) }
```

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

```
.border{ border-color:rgb(58, 115, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 115, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 115, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 115, 84);  
box-shadow:4px 4px 4px 4px rgb(58, 115,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 28.925, 156.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 115, 84) }
```

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

```
.background{ background-color: rgb(58, 115,  
84) }
```

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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