

Converting Colors

CIELCh(44, 35.871, 145.252)

Have a look what the booklet for
CIELCh(44, 35.871, 145.252)
contains.

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Color

CIELCh(44, 35.831, 145.294)

Conversions

Conversions Part 1

Format	Color
Hex	3C7445
RGB	60, 116, 69
RGB Percent	24%, 45%, 27%
CMY	0.7653, 0.5457, 0.7300
CMYK	0.48, 0.00, 0.41, 0.55
HSL	130°, 32%, 34%
HSV	130°, 48%, 45%
XYZ	9.1510, 13.8382, 7.7956
YIQ	93.8980, -18.2890, -26.4890

Conversions

Conversions Part 2

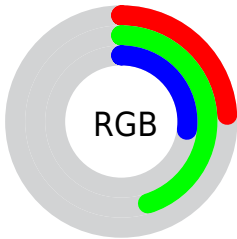
Format	Color
R_{YB}	60, 108, 116
Decimal	3961925
CIE _{Lab}	44.00, -29.46, 20.40
CIE _{LCh}	44, 35.831, 145.294
Yxy	13.8382, 0.2973, 0.4495
Android (android.graphics.Color)	4282152005 (0xFF3C7445)
YUV	93.8980, -12.2747, -29.7285
Hunter-Lab	37.1997, -21.1890, 13.6150

Details

The CIELCh color $44, 35.831, 145.294$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $34, 35.764, 332.086$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 36.041, 145.363$, and $24, 35.570, 145.627$ is the 20% darker color. If you saturate the color by 10%, you get $43, 42.594, 144.112$, and if you desaturate by 10%, it is $45, 28.675, 146.337$.

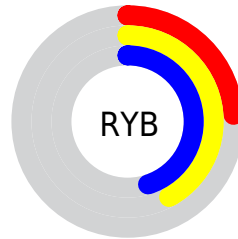
Distribution



Red (24%)

Green (45%)

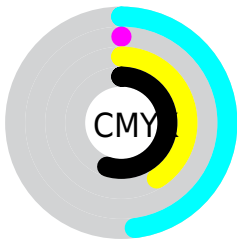
Blue (27%)



Red (24%)

Yellow (42%)

Blue (45%)

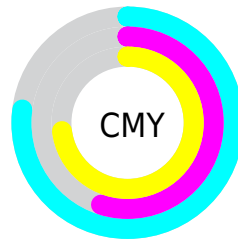


Cyan (48%)

Magenta (0%)

Yellow (41%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 35.831, 145.294 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, 35.831, 145.294 by changing the saturation by 10% instead.


 44, 35.831,
145.294


 44, 35.831,
145.294


 100, 35.831,
145.294


 34, 35.831,
145.294

 64, 35.831,
145.294


 24, 35.831,
145.294

 74, 35.831,
145.294

 14, 35.831,
145.294


 84, 35.831,
145.294

 4, 35.831, 145.294

 94, 35.831,
145.294

 0, 35.831, 145.294

 44, 35.831,

 44, 35.831,

145.294

145.294

■ 43, 42.594,
144.112

■ 45, 28.675,
146.337

■ 43, 48.800,
142.797

■ 46, 21.272,
147.247

■ 42, 54.279,
141.379

■ 47, 13.754,
148.039

■ 42, 58.870,
139.916

■ 48, 6.224, 148.736

■ 42, 62.536,
138.617

■ 49, 1.236, 329.131

■ 50, 8.565, 329.780

■ 42, 63.074,
138.454

■ 52, 15.722,
330.237

■ 53, 22.680,
330.631

■ 55, 29.426,

Harmonies

Complementary

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



44, 35.831, 145.294



34, 35.764, 332.086

Rectangle

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



44, 35.831, 145.294



44, 35.831, 195.294



44, 35.831, 325.294



44, 35.831, 15.294

Sweetspot

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



44, 35.832, 145.294



60, 13.920, 148.253



47, 32.211, 112.681



31, 9.577, 148.133



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, 35.832, 145.294



56, 52.345, 143.969



45, 24.139, 167.670



24, 4.245, 148.689



44, 65.759, 138.358



86, 113.679, 137.543

Inverse Universe

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



34, 35.764, 332.086



41, 51.808, 332.783



33, 26.997, 358.296



23, 4.256, 329.689



27, 59.456, 335.559



57, 100.141, 336.041

Previews

White Background



This preview shows how the CIELCh color 44, 35.831, 145.294 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 CIELCh color 44, 35.831, 145.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

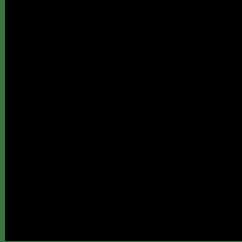
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 35.831, 145.294

Background



This preview shows how black text looks on a background with the CIELCh color 44, 35.831, 145.294.



This preview shows how white text looks on a background with the CIELCh color 44, 35.831, 145.294.

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, 35.831, 145.294

Protanopia

44, 23.952, 96.579

Deuteranopia

44, 19.308, 72.593



Tritanopia
44, 14.589, 219.862

Trichromacy



Original Color
44, 35.831, 145.294

Protanomaly
44, 25.423, 121.026

Deuteranomaly
43, 20.222, 113.657

Tritanomaly
44, 18.340, 176.134

Monochromacy



Original Color
44, 35.831, 145.294

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 13.350, 147.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 35.831, 145.294 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(60, 116, 69)` looks like.

```
.text, #text, p{  
    color:rgb(60, 116, 69)  
}
```

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(60, 116, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 116, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 35.831, 145.294 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(60, 116, 69) }
```

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

```
.border{ border-color:rgb(60, 116, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 116, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 116, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 116, 69);  
box-shadow:4px 4px 4px 4px rgb(60, 116,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 35.831, 145.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 116, 69) }
```

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

```
.background{ background-color: rgb(60, 116,  
69) }
```

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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