

Converting Colors

CIELCh(29, 27.418, 147.981)

Have a look what the booklet for
CIELCh(29, 27.418, 147.981)
contains.

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Color

CIELCh(29, 27.365, 147.896)

Conversions

Conversions Part 1

Format	Color
Hex	224D2D
RGB	34, 77, 45
RGB Percent	13%, 30%, 18%
CMY	0.8666, 0.6980, 0.8235
CMYK	0.56, 0.00, 0.42, 0.70
HSL	135°, 39%, 22%
HSV	135°, 56%, 30%
XYZ	3.7877, 5.8380, 3.4102
YIQ	60.4950, -15.3560, -19.0680

Conversions

Conversions Part 2

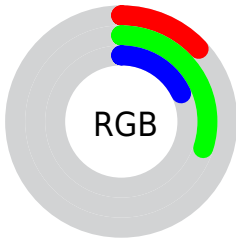
Format	Color
R_{YB}	34, 68, 77
Decimal	2247981
CIE _{Lab}	29.00, -23.18, 14.54
CIE _{LCh}	29, 27.365, 147.896
Yxy	5.8380, 0.2906, 0.4478
Android (android.graphics.Color)	4280438061 (0xFF224D2D)
YUV	60.4950, -7.6390, -23.2361
Hunter-Lab	24.1619, -14.3010, 8.5452

Details

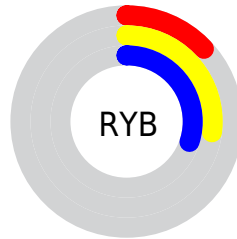
The CIELCh color $29, 27.365, 147.896$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $21, 27.426, 336.223$, and the grayscale version is $26, 0.004, 296.813$.

A 20% lighter version of the original color is $49, 27.147, 148.060$, and $10, 24.116, 144.119$ is the 20% darker color. If you saturate the color by 10%, you get $29, 31.740, 146.652$, and if you desaturate by 10%, it is $29, 22.716, 148.998$.

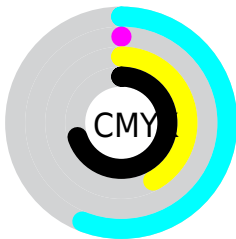
Distribution



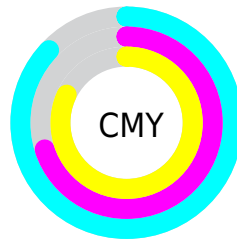
- Red (13%)
- Green (30%)
- Blue (18%)



- Red (13%)
- Yellow (27%)
- Blue (30%)



- Cyan (56%)
- Magenta (0%)
- Yellow (42%)
- Black (70%)




- Cyan (87%)
- Magenta (70%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 27.365, 147.896 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 29, 27.365, 147.896 by changing the saturation by 10% instead.

 29, 27.365,
147.896


 29, 27.365,
147.896

 100, 27.365,
147.896


 19, 27.365,
147.896


 49, 27.365,
147.896


 9, 27.365, 147.896

 59, 27.365,
147.896

 0, 27.365, 147.896

 69, 27.365,
147.896

 79, 27.365,
147.896

 89, 27.365,
147.896

 99, 27.365,

147.896

■ 29, 27.365,
147.896

■ 29, 27.365,
147.896

■ 29, 31.740,
146.652

■ 29, 22.716,
148.998

■ 28, 35.756,
145.265

■ 30, 17.872,
149.969

■ 28, 39.338,
143.747

■ 31, 12.912,
150.822

■ 28, 42.561,
142.328

■ 31, 7.902, 151.576

■ 28, 43.843,
141.859

■ 32, 2.898, 152.268

■ 33, 2.056, 332.710

■ 34, 6.926, 333.280

■ 35, 11.690,
333.749

■ 36, 16.332,
334.164

Harmonies

Complementary

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



29, 27.365, 147.896



21, 27.426, 336.223

Rectangle

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



29, 27.365, 147.896



29, 27.365, 197.896



29, 27.365, 327.896



29, 27.365, 17.896

Sweetspot

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



29, 27.365, 147.896



40, 10.485, 151.449



31, 26.738, 116.843



20, 7.073, 151.381



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



29, 27.365, 147.896



37, 39.624, 146.173



30, 18.094, 174.214



15, 2.759, 152.073



37, 54.262, 141.027



80, 101.461, 139.622

Inverse Universe

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



21, 27.426, 336.223



25, 39.165, 337.313



20, 21.734, 6.497



14, 2.770, 333.028



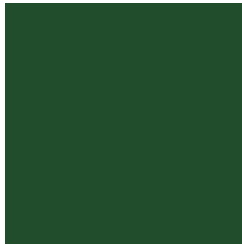
21, 48.984, 340.822



51, 87.571, 341.995

Previews

White Background



This preview shows how the CIE LCh color 29, 27.365, 147.896 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 29, 27.365, 147.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

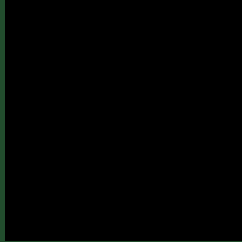
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 27.365, 147.896

Background



This preview shows how black text looks on a background with the CIELCh color 29, 27.365, 147.896.



This preview shows how white text looks on a background with the CIELCh color 29, 27.365, 147.896.

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
29, 27.365, 147.896

Protanopia
29, 16.786, 96.625

Deuteranopia
29, 13.625, 72.349



Tritanopia
29, 11.727, 217.249

Trichromacy



Original Color
29, 27.365, 147.896

Protanomaly
28, 18.620, 124.806

Deuteranomaly
28, 14.213, 117.195

Tritanomaly
29, 14.363, 178.802

Monochromacy



Original Color
29, 27.365, 147.896

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 10.671, 150.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 27.365, 147.896 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(34, 77, 45)` looks like.

```
.text, #text, p{  
    color:rgb(34, 77, 45)  
}
```

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(34, 77, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 77, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 27.365, 147.896 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(34, 77, 45) }
```

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

```
.border{ border-color:rgb(34, 77, 45) }
```

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

Here you see how a box with a 4 pixel rgb(34, 77, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 77, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 77, 45);  
box-shadow:4px 4px 4px 4px rgb(34, 77, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 27.365, 147.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 77, 45) }
```

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

```
.background{ background-color: rgb(34, 77,  
45) }
```

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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