

Converting Colors

CIELCh(29, 25.908, 137.957)

Have a look what the booklet for
CIELCh(29, 25.908, 137.957)
contains.

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Color

CIELCh(29, 25.908, 137.957)

Conversions

Conversions Part 1

Format	Color
Hex	2E4C29
RGB	46, 76, 41
RGB Percent	18%, 30%, 16%
CMY	0.8213, 0.7036, 0.8408
CMYK	0.40, 0.00, 0.46, 0.70
HSL	111°, 30%, 23%
HSV	111°, 46%, 30%
XYZ	4.0560, 5.8380, 2.9747
YIQ	63.0400, -6.6450, -17.2450

Conversions

Conversions Part 2

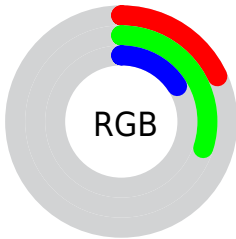
Format	Color
RYB	41, 76, 71
Decimal	3034153
CIELab	29.00, -19.24, 17.35
CIElCh	29, 25.908, 137.957
Yxy	5.8380, 0.3152, 0.4537
Android (android.graphics.Color)	4281224233 (0xFF2E4C29)
YUV	63.0400, -10.8657, -14.9441
Hunter-Lab	24.1619, -12.3193, 9.6140

Details

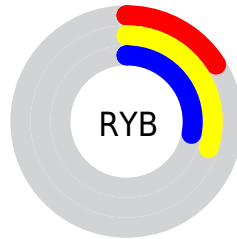
The CIELCh color **29, 25.908, 137.957** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22, 26.191, 322.391**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 25.614, 137.722**, and **9, 22.943, 143.674** is the 20% darker color. If you saturate the color by 10%, you get **29, 31.169, 137.259**, and if you desaturate by 10%, it is **30, 20.422, 138.619**.

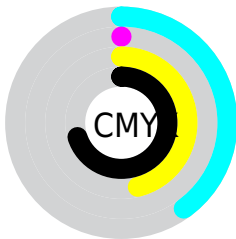
Distribution



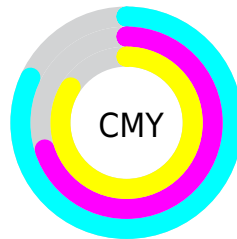
- Red (18%)
- Green (30%)
- Blue (16%)



- Red (16%)
- Yellow (30%)
- Blue (28%)



- Cyan (40%)
- Magenta (0%)
- Yellow (46%)
- Black (70%)





- Cyan (82%)
- Magenta (70%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 25.908, 137.957 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, 25.908, 137.957 by changing the saturation by 10% instead.

 29, 25.908,
137.957


 29, 25.908,
137.957

 100, 25.908,
137.957


 19, 25.908,
137.957


 49, 25.908,
137.957


 9, 25.908, 137.957

 59, 25.908,
137.957

 0, 25.908, 137.957

 69, 25.908,
137.957

 79, 25.908,
137.957

 89, 25.908,
137.957

 99, 25.908,

137.957

■ 29, 25.908,
137.957

■ 29, 25.908,
137.957

■ 29, 31.169,
137.259

■ 30, 20.422,
138.619

■ 28, 36.071,
136.560

■ 30, 14.810,
139.226

■ 28, 40.452,
135.923

■ 31, 9.152, 139.772

■ 28, 44.119,
135.434

■ 32, 3.508, 140.270

■ 27, 47.369,
134.785

■ 32, 2.079, 320.602

■ 27, 48.583,
134.430

■ 34, 12.962,
321.325

■ 35, 18.223,
321.599

■ 36, 23.350,
321.834

Harmonies

Complementary

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



29, 25.908, 137.957



22, 26.191, 322.391

Rectangle

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



29, 25.908, 137.957



29, 25.908, 187.957



29, 25.908, 317.957



29, 25.908, 7.957

Sweetspot

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



29, 25.909, 137.958



41, 9.878, 139.860



30, 18.887, 98.567



20, 6.879, 139.796



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, 25.909, 137.958



38, 38.828, 137.124



29, 20.969, 152.579



15, 3.159, 140.151



37, 60.111, 134.782



80, 109.586, 135.338

Inverse Universe

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



22, 26.191, 322.391



27, 39.243, 322.784



22, 21.339, 339.760



14, 3.172, 320.845



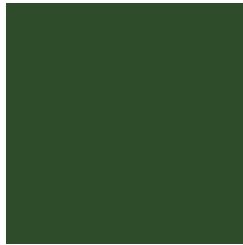
20, 59.585, 323.061



49, 107.949, 322.704

Previews

White Background



This preview shows how the CIELCh color 29, 25.908, 137.957 looks on a white background.

Color Contrast Check

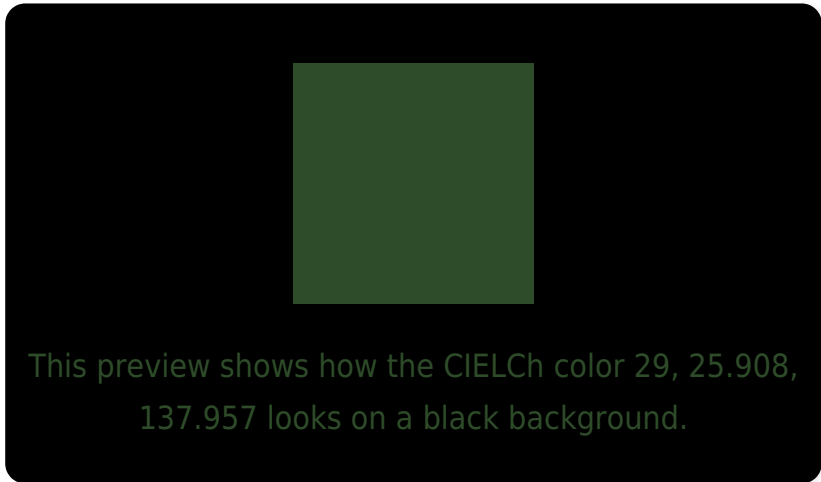
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

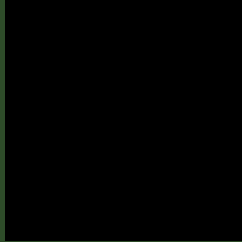
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 25.908, 137.957

Background



This preview shows how black text looks on a background with the CIELCh color 29, 25.908, 137.957.



This preview shows how white text looks on a background with the CIELCh color 29, 25.908, 137.957.

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](#).

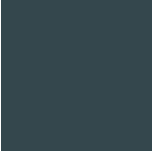
Dichromacy



Original Color
29, 25.908, 137.957

Protanopia
29, 19.300, 95.843

Deuteranopia
29, 16.664, 76.310



Tritanopia
29, 8.344, 226.187

Trichromacy



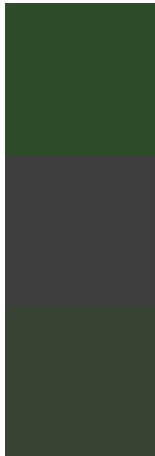
Original Color
29, 25.908, 137.957

Protanomaly
29, 20.353, 116.074

Deuteranomaly
29, 17.077, 106.836

Tritanomaly
29, 11.456, 167.224

Monochromacy



Original Color
29, 25.908, 137.957

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 9.821, 139.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 25.908, 137.957 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(46, 76, 41)` looks like.

```
.text, #text, p{  
    color:rgb(46, 76, 41)  
}
```

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(46, 76, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 76, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 25.908, 137.957 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(46, 76, 41) }
```

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

```
.border{ border-color:rgb(46, 76, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 76, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 76, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 76, 41);  
box-shadow:4px 4px 4px 4px rgb(46, 76, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 25.908, 137.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 76, 41) }
```

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

```
.background{ background-color: rgb(46, 76,  
41) }
```

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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