

Converting Colors

CIELCh(14, 10.303, 337.694)

Have a look what the booklet for
CIELCh(14, 10.303, 337.694)
contains.

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Color

CIELCh(14, 10.097, 337.647)

Conversions

Conversions Part 1

Format	Color
Hex	2E1F29
RGB	46, 31, 41
RGB Percent	18%, 12%, 16%
CMY	0.8192, 0.8780, 0.8388
CMYK	0.00, 0.33, 0.11, 0.82
HSL	320°, 19%, 15%
HSV	320°, 33%, 18%
XYZ	2.0266, 1.7298, 2.3348
YIQ	36.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

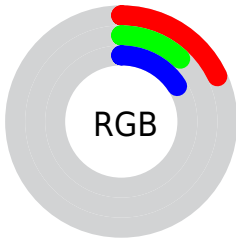
Format	Color
R_YB	46, 31, 41
Decimal	3022633
CIE Lab	14.00, 9.34, -3.84
CIE LCh	14, 10.097, 337.647
Yxy	1.7298, 0.3327, 0.2840
Android (android.graphics.Color)	4281212713 (0xFF2E1F29)
YUV	36.6250, 2.1569, 8.2219
Hunter-Lab	13.1521, 4.4893, -1.3190

Details

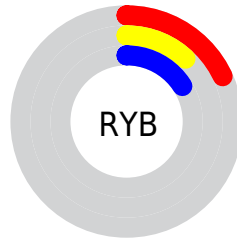
The CIELCh color **14, 10.097, 337.647** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17, 9.970, 153.522**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 10.041, 337.752**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 13.177, 338.346**, and if you desaturate by 10%, it is **15, 6.976, 336.991**.

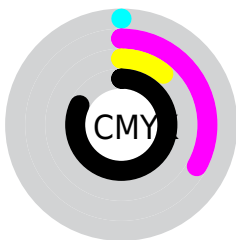
Distribution



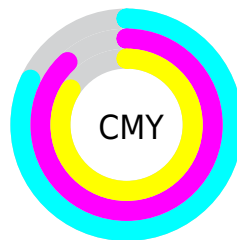
- Red (18%)
- Green (12%)
- Blue (16%)



- Red (18%)
- Yellow (12%)
- Blue (16%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (82%)



- Cyan (82%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 10.097, 337.647 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 14, 10.097, 337.647 by changing the saturation by 10% instead.

■ 14, 10.097,
337.647

■ 14, 10.097,
337.647

■ 100, 10.097,
337.647

■ 4, 10.097, 337.647

■ 34, 10.097,
337.647

■ 0, 10.097, 337.647

■ 44, 10.097,
337.647

■ 54, 10.097,
337.647


■ 64, 10.097,
337.647


■ 74, 10.097,
337.647


■ 84, 10.097,

337.647


 94, 10.097,
337.647

 14, 10.097,
337.647


 14, 10.097,
337.647

 13, 13.177,
338.346

 15, 6.976, 336.991

 11, 16.160,
339.095

 17, 3.860, 336.362

 10, 18.968,
339.909

 19, 0.778, 335.652


 9, 21.508, 340.805

 22, 5.212, 154.767

 8, 23.741, 341.781

 23, 8.102, 154.263

 7, 25.939, 342.647

 25, 10.917,

■ 6, 27.542, 343.222 153.789

■ 27, 13.657,
153.341

■ 28, 16.324,
152.915

Harmonies

Complementary

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



14, 10.097, 337.647



17, 9.970, 153.522

Rectangle

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



14, 10.097, 337.647



14, 10.097, 27.647



14, 10.097, 157.647



14, 10.097, 207.647

Sweetspot

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



14, 10.096, 337.648



24, 3.901, 336.242



13, 11.072, 304.711



10, 2.598, 336.249



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



14, 10.096, 337.648



18, 15.338, 338.262



14, 7.855, 8.641



7, 1.550, 336.046



17, 41.833, 345.538



47, 79.144, 347.679

Inverse Universe

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



14, 10.096, 337.648



18, 15.338, 338.262



18, 6.959, 183.486



7, 1.550, 336.046



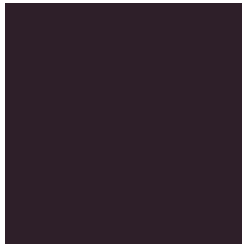
17, 41.833, 345.538



47, 79.144, 347.679

Previews

White Background



This preview shows how the CIELCh color 14, 10.097, 337.647 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

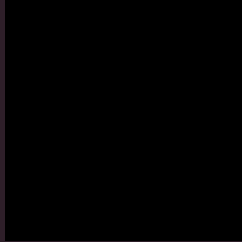
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 10.097, 337.647

Background



This preview shows how black text looks on a background with the CIELCh color 14, 10.097, 337.647.



This preview shows how white text looks on a background with the CIELCh color 14, 10.097, 337.647.

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

14, 10.097, 337.647

Protanopia

14, 6.426, 287.998

Deuteranopia

14, 3.703, 305.994



Tritanopia
14, 6.888, 3.403

Trichromacy



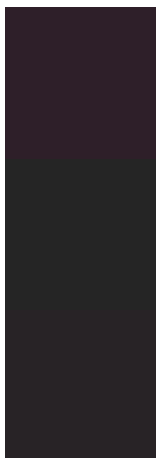
Original Color
14, 10.097, 337.647

Protanomaly
14, 6.715, 307.932

Deuteranomaly
14, 5.173, 325.073

Tritanomaly
14, 7.352, 352.707

Monochromacy



Original Color
14, 10.097, 337.647

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 3.252, 339.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 10.097, 337.647 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, 31, 41)` looks like.

```
.text, #text, p{  
    color:rgb(46, 31, 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, 31, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 31, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 10.097, 337.647 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, 31, 41) }
```

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

```
.border{ border-color:rgb(46, 31, 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, 31, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 31, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 31, 41);  
box-shadow:4px 4px 4px 4px rgb(46, 31, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 10.097, 337.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 31, 41) }
```

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

```
.background{ background-color: rgb(46, 31,  
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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