

Converting Colors

CIELCh(14, 19.332, 295.473)

Have a look what the booklet for
CIELCh(14, 19.332, 295.473)
contains.

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Color

CIELCh(14, 19.230, 295.352)

Conversions

Conversions Part 1

Format	Color
Hex	21213C
RGB	33, 33, 60
RGB Percent	13%, 13%, 24%
CMY	0.8710, 0.8709, 0.7651
CMYK	0.45, 0.45, 0.00, 0.77
HSL	240°, 29%, 18%
HSV	240°, 45%, 23%
XYZ	1.9786, 1.7298, 4.4910
YIQ	36.0780, -8.6670, 8.3970

Conversions

Conversions Part 2

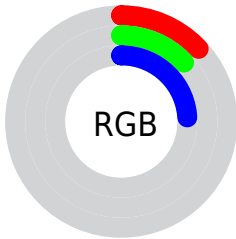
Format	Color
R_{YB}	33, 33, 60
Decimal	2171196
CIE _{Lab}	14.00, 8.23, -17.38
CIE _{LCh}	14, 19.230, 295.352
Yxy	1.7298, 0.2413, 0.2110
Android (android.graphics.Color)	4280361276 (0xFF21213C)
YUV	36.0780, 11.7935, -2.6994
Hunter-Lab	13.1521, 3.8372, -11.0392

Details

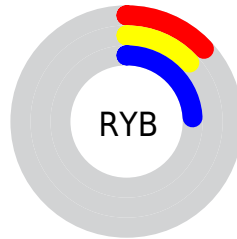
The CIELCh color **14, 19.230, 295.352** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **25, 17.399, 106.428**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 19.500, 295.593**, and **1, 6.483, 287.727** is the 20% darker color. If you saturate the color by 10%, you get **12, 23.932, 296.983**, and if you desaturate by 10%, it is **16, 14.687, 293.909**.

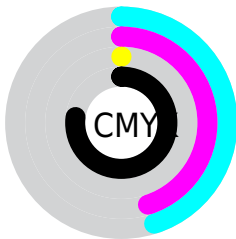
Distribution



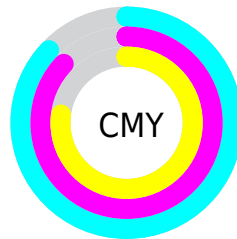
- Red (13%)
- Green (13%)
- Blue (24%)



- Red (13%)
- Yellow (13%)
- Blue (24%)



- Cyan (45%)
- Magenta (45%)
- Yellow (0%)
- Black (77%)



- Cyan (87%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 19.230, 295.352 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, 19.230, 295.352 by changing the saturation by 10% instead.

■ 14, 19.230,
295.352

■ 14, 19.230,
295.352

■ 100, 19.230,
295.352

■ 4, 19.230, 295.352

■ 34, 19.230,
295.352

■ 0, 19.230, 295.352

■ 44, 19.230,
295.352


■ 54, 19.230,
295.352


■ 64, 19.230,
295.352


■ 74, 19.230,
295.352


■ 84, 19.230,


295.352

 94, 19.230,
295.352


 14, 19.230,
295.352

 14, 19.230,
295.352

 12, 23.932,
296.983

 16, 14.687,
293.909


 9, 28.764, 298.781

 19, 10.309,
292.648

 7, 33.444, 300.435

 22, 6.088, 291.555

 5, 36.858, 300.888

 24, 2.015, 290.614

 4, 39.656, 300.625

 26, 1.920, 109.763

 3, 40.937, 300.274

 29, 5.726, 109.058

■ 31, 9.412, 108.438

■ 34, 12.985,
107.895

■ 36, 16.451,
107.419

Harmonies

Complementary

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



14, 19.230, 295.352



25, 17.399, 106.428

Rectangle

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



14, 19.230, 295.352



14, 19.230, 345.352



14, 19.230, 115.352



14, 19.230, 165.352

Sweetspot

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



14, 19.230, 295.352



29, 7.124, 291.515



23, 10.802, 195.936



13, 4.971, 291.610



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



14, 19.230, 295.352



17, 29.657, 297.248



15, 19.782, 310.478



10, 2.258, 290.916



7, 64.573, 306.243



27, 120.444, 306.285

Inverse Universe

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



16, 14.151, 23.125



20, 22.049, 24.896



23, 18.662, 126.644



10, 1.574, 19.742



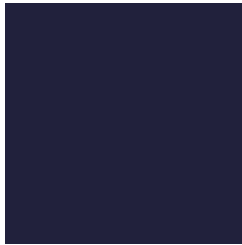
17, 47.176, 34.865



46, 94.123, 39.993

Previews

White Background



This preview shows how the CIE LCh color 14, 19.230, 295.352 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

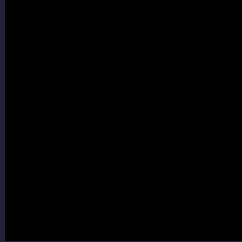
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 19.230, 295.352

Background



This preview shows how black text looks on a background with the CIELCh color 14, 19.230, 295.352.



This preview shows how white text looks on a background with the CIELCh color 14, 19.230, 295.352.

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, 19.230, 295.352

Protanopia

14, 19.365, 284.245

Deuteranopia

14, 16.935, 275.973



Tritanopia
14, 4.517, 227.011

Trichromacy



Original Color
14, 19.230, 295.352

Protanomaly
14, 19.278, 288.059

Deuteranomaly
14, 17.278, 282.985

Tritanomaly
14, 8.148, 274.150

Monochromacy



Original Color
14, 19.230, 295.352

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 7.130, 292.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 19.230, 295.352 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(33, 33, 60)` looks like.

```
.text, #text, p{  
    color:rgb(33, 33, 60)  
}
```

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(33, 33, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 33, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 19.230, 295.352 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(33, 33, 60) }
```

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

```
.border{ border-color:rgb(33, 33, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 33, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 33, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 33, 60);  
box-shadow:4px 4px 4px 4px rgb(33, 33, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 19.230, 295.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 33, 60) }
```

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

```
.background{ background-color: rgb(33, 33,  
60) }
```

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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