

Converting Colors

CIELCh(14, 24.938, 292.790)

Have a look what the booklet for
CIELCh(14, 24.938, 292.790)
contains.

CIELCh(14, 24.851, 292.272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(14, 24.851, 292.272)

Conversions

Conversions Part 1

Format	Color
Hex	1B2144
RGB	27, 33, 68
RGB Percent	11%, 13%, 27%
CMY	0.8946, 0.8710, 0.7338
CMYK	0.60, 0.52, 0.00, 0.73
HSL	231°, 43%, 19%
HSV	231°, 60%, 27%
XYZ	2.0302, 1.7298, 5.6781
YIQ	35.1960, -14.8110, 9.6130

Conversions

Conversions Part 2

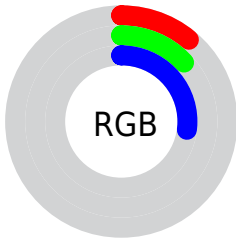
Format	Color
R_{YB}	27, 32, 68
Decimal	1777988
CIE _{Lab}	14.00, 9.42, -23.00
CIE _{LCh}	14, 24.851, 292.272
Yxy	1.7298, 0.2151, 0.1833
Android (android.graphics.Color)	4279968068 (0xFF1B2144)
YUV	35.1960, 16.1724, -7.1879
Hunter-Lab	13.1521, 4.5371, -16.3904

Details

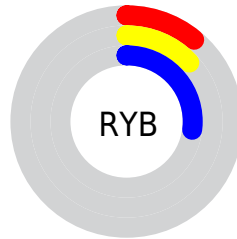
The CIELCh color **14, 24.851, 292.272** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26, 22.380, 97.414**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 24.460, 291.763**, and **1, 11.732, 288.824** is the 20% darker color. If you saturate the color by 10%, you get **12, 29.445, 294.487**, and if you desaturate by 10%, it is **16, 20.395, 290.281**.

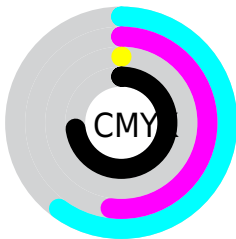
Distribution



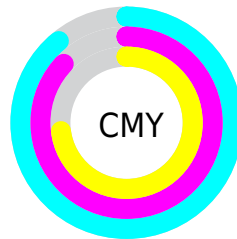
- Red (11%)
- Green (13%)
- Blue (27%)



- Red (11%)
- Yellow (13%)
- Blue (27%)



- Cyan (60%)
- Magenta (52%)
- Yellow (0%)
- Black (73%)





- Cyan (89%)
- Magenta (87%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 24.851, 292.272 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, 24.851, 292.272 by changing the saturation by 10% instead.

 14, 24.851,
292.272

 14, 24.851,
292.272

 100, 24.851,
292.272

 4, 24.851, 292.272


 34, 24.851,
292.272

 0, 24.851, 292.272

 44, 24.851,
292.272

 54, 24.851,
292.272

 64, 24.851,
292.272

 74, 24.851,
292.272

 84, 24.851,

292.272

■ 94, 24.851,
292.272

■ 14, 24.851,
292.272

■ 14, 24.851,
292.272

■ 12, 29.445,
294.487

■ 16, 20.395,
290.281

■ 9, 34.134, 296.873

■ 19, 16.085,
288.521

■ 7, 38.750, 299.170

■ 21, 11.916,
286.984

■ 6, 42.230, 300.044

■ 24, 7.876, 285.648

■ 26, 3.958, 284.491

■ 29, 0.152, 283.855

■ 31, 3.548, 102.560

■ 34, 7.149, 101.792

■ 36, 10.656,
101.111

Harmonies

Complementary

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



14, 24.851, 292.272



26, 22.380, 97.414

Rectangle

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



14, 24.851, 292.272



14, 24.851, 342.272



14, 24.851, 112.272



14, 24.851, 162.272

Sweetspot

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



14, 24.851, 292.273



32, 8.704, 285.448



26, 16.129, 182.226



15, 6.114, 285.640



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



14, 24.851, 292.273



16, 38.076, 295.588



14, 29.513, 307.340



11, 2.071, 284.290



10, 57.736, 302.504



31, 112.870, 304.220

Inverse Universe

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



16, 21.190, 15.064



20, 31.858, 18.792



27, 26.421, 120.915



12, 1.719, 7.968



18, 45.522, 28.968



47, 88.027, 33.828

Previews

White Background



This preview shows how the CIE LCh color 14, 24.851, 292.272 looks on a white background.

Color Contrast Check

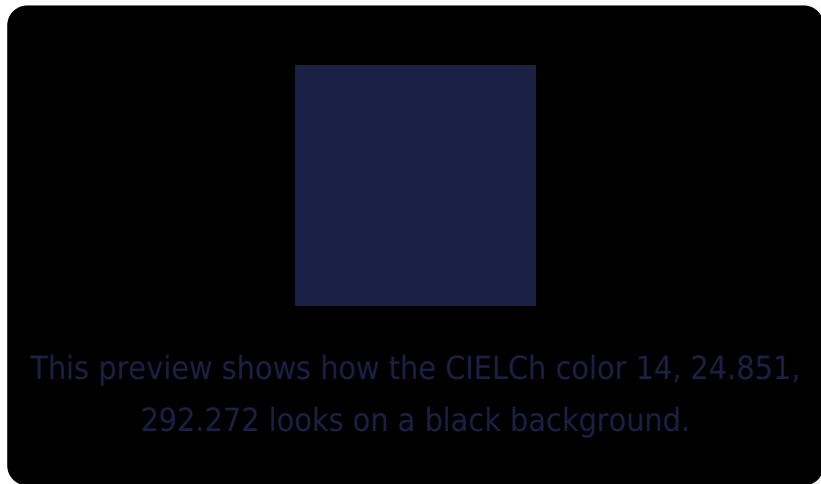
Large Text (above 18pt) WCAG AA ✓ Pass

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

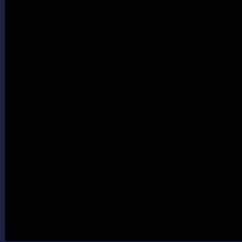
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 24.851, 292.272

Background



This preview shows how black text looks on a background with the CIELCh color 14, 24.851, 292.272.



This preview shows how white text looks on a background with the CIELCh color 14, 24.851, 292.272.

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, 24.851, 292.272

Protanopia

14, 25.101, 284.003

Deuteranopia

14, 20.715, 268.341



Tritanopia
14, 9.579, 210.438

Trichromacy



Original Color
14, 24.851, 292.272

Protanomaly
14, 25.014, 286.678

Deuteranomaly
14, 21.364, 276.063

Tritanomaly
14, 11.671, 258.152

Monochromacy



Original Color
14, 24.851, 292.272

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 9.320, 287.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 24.851, 292.272 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(27, 33, 68)` looks like.

```
.text, #text, p{  
    color:rgb(27, 33, 68)  
}
```

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(27, 33, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 33, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 24.851, 292.272 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(27, 33, 68) }
```

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

```
.border{ border-color:rgb(27, 33, 68) }
```

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

Here you see how a box with a 4 pixel rgb(27, 33, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 33, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 33, 68);  
box-shadow:4px 4px 4px 4px rgb(27, 33, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 24.851, 292.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 33, 68) }
```

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

```
.background{ background-color: rgb(27, 33,  
68) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor