

Converting Colors

CIELCh(24, 19.985, 112.446)

Have a look what the booklet for
CIELCh(24, 19.985, 112.446)
contains.

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Color

CIELCh(24, 20.014, 113.273)

Conversions

Conversions Part 1

Format	Color
Hex	373C1D
RGB	55, 60, 29
RGB Percent	22%, 24%, 11%
CMY	0.7852, 0.7656, 0.8871
CMYK	0.08, 0.00, 0.52, 0.77
HSL	70°, 35%, 17%
HSV	70°, 52%, 23%
XYZ	3.3851, 4.1002, 1.7612
YIQ	54.9710, 6.9710, -10.7010

Conversions

Conversions Part 2

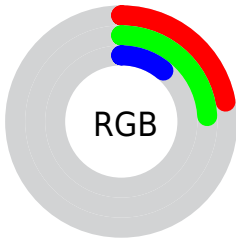
Format	Color
RYB	29, 60, 34
Decimal	3619869
CIELab	24.00, -7.91, 18.39
CIELCh	24, 20.014, 113.273
Yxy	4.1002, 0.3661, 0.4434
Android (android.graphics.Color)	4281809949 (0xFF373C1D)
YUV	54.9710, -12.8037, 0.0254
Hunter-Lab	20.2490, -5.5950, 9.0174

Details

The CIELCh color **24, 20.014, 113.273** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13, 22.390, 300.982**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 20.112, 112.429**, and **4, 9.505, 141.705** is the 20% darker color. If you saturate the color by 10%, you get **24, 23.537, 112.742**, and if you desaturate by 10%, it is **24, 16.314, 113.867**.

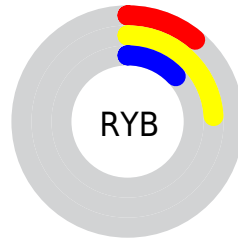
Distribution



Red (22%)

Green (24%)

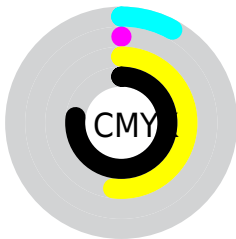
Blue (11%)



Red (11%)

Yellow (24%)

Blue (13%)

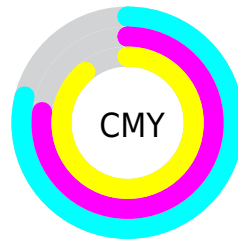


Cyan (8%)

Magenta (0%)

Yellow (52%)

Black (77%)



Cyan (79%)


Magenta (77%)


Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 20.014, 113.273 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 24, 20.014, 113.273 by changing the saturation by 10% instead.

 24, 20.014,
113.273


 24, 20.014,
113.273

 100, 20.014,
113.273


 14, 20.014,
113.273


 44, 20.014,
113.273


 4, 20.014, 113.273

 54, 20.014,
113.273

 0, 20.014, 113.273

 64, 20.014,
113.273

 74, 20.014,
113.273

 84, 20.014,
113.273

 94, 20.014,

113.273

■ 24, 20.014,
113.273

■ 24, 20.014,
113.273

■ 24, 23.537,
112.742

■ 24, 16.314,
113.867

■ 24, 26.794,
112.302

■ 24, 12.497,
114.491

■ 24, 29.657,
112.010

■ 25, 8.608, 115.129

■ 23, 32.104,
111.928

■ 25, 4.677, 115.765

■ 25, 0.726, 116.390

■ 23, 34.097,
111.886

■ 25, 3.232, 297.001

■ 26, 7.183, 297.587

■ 26, 11.120,
298.148

■ 26, 15.036,
298.682

Harmonies

Complementary

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



24, 20.014, 113.273



13, 22.390, 300.982

Rectangle

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



24, 20.014, 113.273



24, 20.014, 163.273



24, 20.014, 293.273



24, 20.014, 343.273

Sweetspot

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



24, 20.015, 113.275



32, 7.758, 115.457



16, 14.731, 35.238



15, 5.140, 115.427



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



24, 20.015, 113.275



31, 28.847, 112.605



23, 22.342, 131.972



11, 2.236, 115.978



37, 47.555, 111.967



83, 88.804, 112.662

Inverse Universe

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



13, 22.390, 300.982



14, 33.503, 302.500



15, 23.269, 316.056



10, 2.275, 297.056



8, 63.565, 307.386



28, 119.287, 306.897

Previews

White Background



This preview shows how the CIE LCh color 24, 20.014, 113.273 looks on a white background.

Color Contrast Check

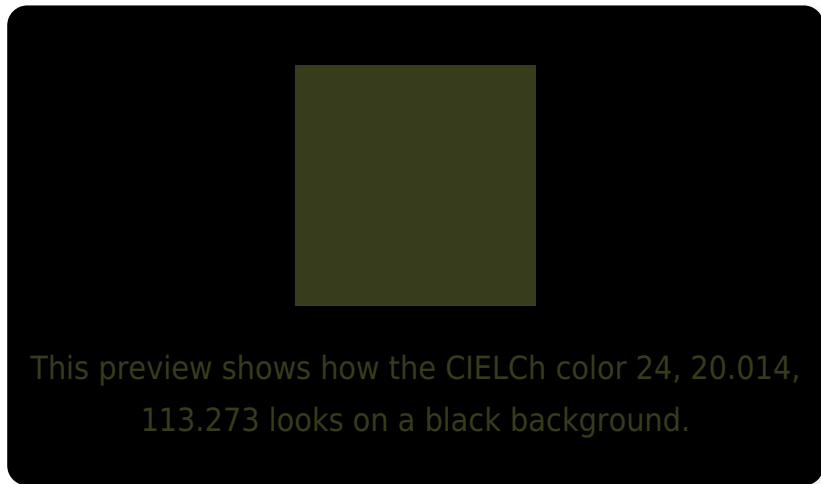
Large Text (above 18pt) WCAG AA ✓ Pass

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

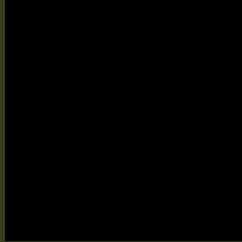
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

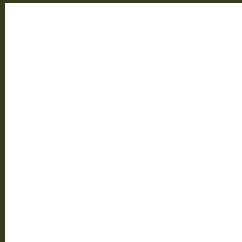
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 24, 20.014, 113.273

Background



This preview shows how black text looks on a background with the CIELCh color 24, 20.014, 113.273.



This preview shows how white text looks on a background with the CIELCh color 24, 20.014, 113.273.

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

24, 20.014, 113.273

Protanopia

24, 19.036, 96.467

Deuteranopia

24, 18.078, 78.589



Tritanopia
24, 3.453, 305.845

Trichromacy



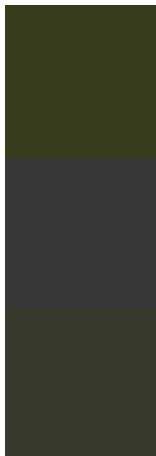
Original Color
24, 20.014, 113.273

Protanomaly
24, 19.342, 102.839

Deuteranomaly
24, 17.494, 92.486

Tritanomaly
24, 5.283, 109.019

Monochromacy



Original Color
24, 20.014, 113.273

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 7.979, 115.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 20.014, 113.273 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(55, 60, 29)` looks like.

```
.text, #text, p{  
    color:rgb(55, 60, 29)  
}
```

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(55, 60, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 60, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 20.014, 113.273 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(55, 60, 29) }
```

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

```
.border{ border-color:rgb(55, 60, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 60, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 60, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 60, 29);  
box-shadow:4px 4px 4px 4px rgb(55, 60, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 20.014, 113.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 60, 29) }
```

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

```
.background{ background-color: rgb(55, 60,  
29) }
```

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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