

Converting Colors

CIELCh(24, 14.109, 221.015)

Have a look what the booklet for
CIELCh(24, 14.109, 221.015)
contains.

CIELCh(24, 14.231, 222.524)	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(24, 14.231, 222.524)

Conversions

Conversions Part 1

Format	Color
Hex	173E47
RGB	23, 62, 71
RGB Percent	9%, 24%, 28%
CMY	0.9092, 0.7563, 0.7210
CMYK	0.67, 0.13, 0.00, 0.72
HSL	191°, 51%, 18%
HSV	191°, 67%, 28%
XYZ	3.2283, 4.1002, 6.6051
YIQ	51.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

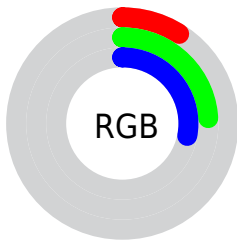
Format	Color
R_{YB}	23, 45, 71
Decimal	1523271
CIE _{Lab}	24.00, -10.49, -9.62
CIE _{LCh}	24, 14.231, 222.524
Yxy	4.1002, 0.2317, 0.2943
Android (android.graphics.Color)	4279713351 (0xFF173E47)
YUV	51.3650, 9.6801, -24.8761
Hunter-Lab	20.2490, -6.9773, -5.1656

Details

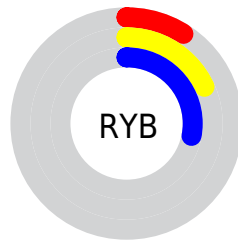
The CIELCh color **24, 14.231, 222.524** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18, 22.931, 39.556**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 14.309, 220.339**, and **5, 8.604, 242.969** is the 20% darker color. If you saturate the color by 10%, you get **23, 15.411, 224.163**, and if you desaturate by 10%, it is **25, 12.763, 221.230**.

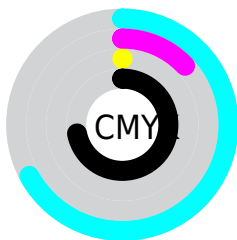
Distribution



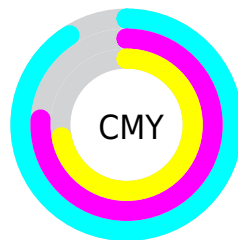
- Red (9%)
- Green (24%)
- Blue (28%)



- Red (9%)
- Yellow (18%)
- Blue (28%)



- Cyan (67%)
- Magenta (13%)
- Yellow (0%)
- Black (72%)





- Cyan (91%)
- Magenta (76%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 14.231, 222.524 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, 14.231, 222.524 by changing the saturation by 10% instead.

 24, 14.231,
222.524


 24, 14.231,
222.524

 100, 14.231,
222.524


 14, 14.231,
222.524


 44, 14.231,
222.524

 4, 14.231, 222.524

 54, 14.231,
222.524

 0, 14.231, 222.524

 64, 14.231,
222.524

 74, 14.231,
222.524

 84, 14.231,
222.524

 94, 14.231,

222.524

■ 24, 14.231,
222.524

■ 24, 14.231,
222.524

■ 23, 15.411,
224.163

■ 25, 12.763,
221.230

■ 23, 16.302,
226.199

■ 26, 11.024,
220.229

■ 22, 17.130,
228.227

■ 26, 9.043, 219.470

■ 27, 6.850, 218.912

■ 22, 17.351,
228.705

■ 28, 4.477, 218.525

■ 29, 1.957, 218.321

■ 30, 0.683, 37.630

■ 32, 3.416, 37.842

■ 33, 6.221, 37.847

Harmonies

Complementary

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



24, 14.231, 222.524



18, 22.931, 39.556

Rectangle

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



24, 14.231, 222.524



24, 14.231, 272.524



24, 14.231, 42.524



24, 14.231, 92.524

Sweetspot

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



24, 14.231, 222.523



36, 6.286, 218.636



26, 32.067, 144.176



17, 4.212, 218.681



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



24, 14.231, 222.523



30, 19.079, 225.478



16, 23.192, 284.303



13, 1.465, 218.330



31, 21.853, 230.518



69, 40.062, 233.407

Inverse Universe

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



17, 31.545, 334.095



21, 43.577, 335.226



24, 22.769, 84.406



13, 2.741, 330.534



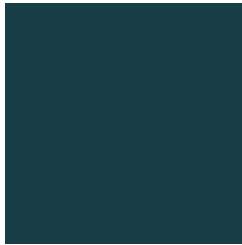
21, 50.474, 336.783



52, 91.288, 337.560

Previews

White Background



This preview shows how the CIE LCh color 24, 14.231, 222.524 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



This preview shows how the CIE LCh color 24, 14.231, 222.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

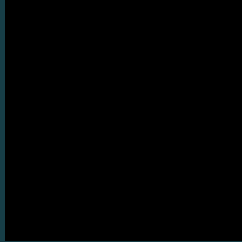
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

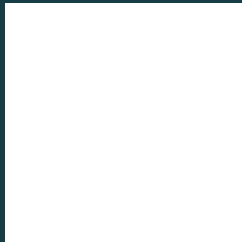
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 24, 14.231, 222.524

Background



This preview shows how black text looks on a background with the CIELCh color 24, 14.231, 222.524.



This preview shows how white text looks on a background with the CIELCh color 24, 14.231, 222.524.

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, 14.231, 222.524

Protanopia

24, 6.664, 284.278

Deuteranopia

24, 11.294, 288.452



Tritanopia
24, 14.598, 210.421

Trichromacy



Original Color
24, 14.231, 222.524

Protanomaly
24, 8.977, 246.657

Deuteranomaly
24, 10.740, 259.430

Tritanomaly
24, 14.408, 213.427

Monochromacy



Original Color
24, 14.231, 222.524

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 6.180, 217.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 14.231, 222.524 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(23, 62, 71)` looks like.

```
.text, #text, p{  
    color:rgb(23, 62, 71)  
}
```

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(23, 62, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 62, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 14.231, 222.524 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(23, 62, 71) }
```

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

```
.border{ border-color:rgb(23, 62, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 62, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 62, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 62, 71);  
box-shadow:4px 4px 4px 4px rgb(23, 62, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 14.231, 222.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 62, 71) }
```

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

```
.background{ background-color: rgb(23, 62,  
71) }
```

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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