

Converting Colors

CIELCh(71, 26.552, 63.176)

Have a look what the booklet for
CIELCh(71, 26.552, 63.176) contains.

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Color

CIELCh(71, 26.788, 63.425)

Conversions

Conversions Part 1

Format	Color
Hex	D2A583
RGB	210, 165, 131
RGB Percent	82%, 65%, 51%
CMY	0.1770, 0.3534, 0.4867
CMYK	0.00, 0.21, 0.38, 0.18
HSL	26°, 47%, 67%
HSV	26°, 38%, 82%
XYZ	44.0664, 42.1875, 27.2532
YIQ	174.5790, 37.7340, -1.0340

Conversions

Conversions Part 2

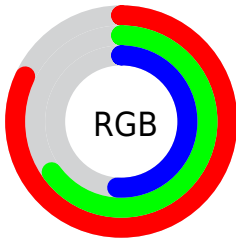
Format	Color
R _Y B	210, 191, 131
Decimal	13804931
CIE Lab	71.00, 11.98, 23.96
CIE LCh	71, 26.788, 63.425
Yxy	42.1875, 0.3882, 0.3717
Android (android.graphics.Color)	4291995011 (0xFFD2A583)
YUV	174.5790, -21.4844, 31.0642
Hunter-Lab	64.9519, 7.4370, 20.5888

Details

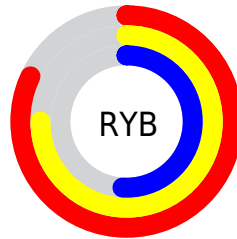
The CIELCh color $71, 26.788, 63.425$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $70, 22.943, 253.479$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 23.238, 72.656$, and $51, 26.931, 63.339$ is the 20% darker color. If you saturate the color by 10%, you get $68, 34.927, 62.390$, and if you desaturate by 10%, it is $74, 19.088, 64.494$.

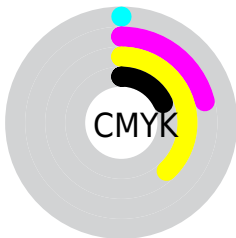
Distribution



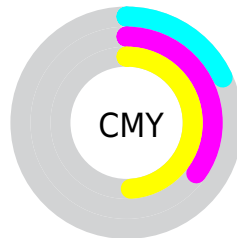
- Red (82%)
- Green (65%)
- Blue (51%)



- Red (82%)
- Yellow (75%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (35%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 26.788, 63.425 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 71, 26.788, 63.425 by changing the saturation by 10% instead.

 71, 26.788, 63.425

 71, 26.788, 63.425

 100, 26.788,
63.425

 61, 26.788, 63.425

 91, 26.788, 63.425

 51, 26.788, 63.425

 41, 26.788, 63.425

 31, 26.788, 63.425

 21, 26.788, 63.425

 11, 26.788, 63.425

 1, 26.788, 63.425

 0, 26.788, 63.425

 71, 26.788, 63.425

 71, 26.788, 63.425

68, 34.927, 62.390

74, 19.088, 64.494

65, 43.461, 61.364

78, 11.825, 65.568

61, 52.243, 60.316

81, 4.972, 66.613

59, 60.929, 59.145

85, 1.507, 248.084

56, 68.814, 57.618

89, 7.651, 248.931

54, 74.877, 55.389

92, 12.829,
247.049

53, 76.230, 54.889

95, 13.213,
213.213

97, 15.038,
198.504

Harmonies

Complementary

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



71, 26.788, 63.425



70, 22.943, 253.479

Rectangle

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



71, 26.788, 63.425



71, 26.788, 113.425



71, 26.788, 243.425



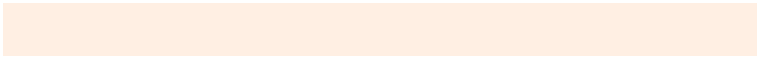
71, 26.788, 293.425

Sweetspot

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



71, 26.788, 63.431



95, 8.476, 66.258



64, 38.589, 342.712



50, 5.718, 66.115



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 26.788, 63.431



82, 38.403, 62.610



81, 37.851, 102.658



42, 3.703, 66.435



43, 64.386, 55.514



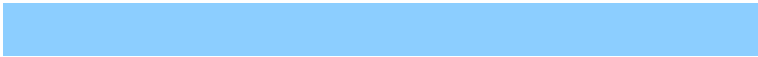
8, 15.883, 50.143

Inverse Universe

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



70, 22.943, 253.479



80, 31.685, 255.343



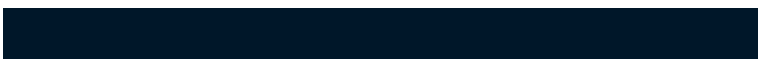
59, 40.965, 291.820



42, 3.585, 248.722



40, 45.646, 275.977



7, 14.734, 264.512

Previews

White Background



This preview shows how the CIELCh color 71, 26.788, 63.425 looks on a white 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

Black Background



This preview shows how the CIELCh color 71, 26.788, 63.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

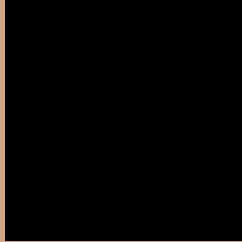
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 26.788, 63.425

Background



This preview shows how black text looks on a background with the CIELCh color 71, 26.788, 63.425.




This preview shows how white text looks on a background with the CIELCh color 71, 26.788, 63.425.

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





Tritanopia
71, 22.379, 3.284

Trichromacy



Original Color
71, 26.788, 63.425

Protanomaly
71, 22.496, 81.936

Deuteranomaly
71, 26.377, 67.418

Tritanomaly
71, 20.990, 27.126

Monochromacy



Original Color
71, 26.788, 63.425

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.471, 67.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 26.788, 63.425 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(210, 165, 131)` looks like.

```
.text, #text, p{  
    color:rgb(210, 165, 131)  
}
```

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(210, 165, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 165, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 26.788, 63.425 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(210, 165, 131) }
```

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

```
.border{ border-color:rgb(210, 165, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 165, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 165, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 165, 131);  
box-shadow:4px 4px 4px 4px rgb(210, 165,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 26.788, 63.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 165, 131) }
```

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

```
.background{ background-color: rgb(210,  
165, 131) }
```

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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