

Converting Colors

CIELCh(92, 5.662, 286.793)

Have a look what the booklet for
CIELCh(92, 5.662, 286.793) contains.

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Color

CIELCh(92, 5.704, 287.144)

Conversions

Conversions Part 1

Format	Color
Hex	E6E7F2
RGB	230, 231, 242
RGB Percent	90%, 91%, 95%
CMY	0.0964, 0.0925, 0.0494
CMYK	0.05, 0.05, 0.00, 0.05
HSL	235°, 32%, 93%
HSV	235°, 5%, 95%
XYZ	77.5413, 80.7044, 95.8180
YIQ	231.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

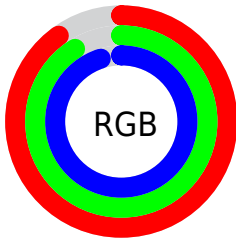
Format	Color
R _Y B	230, 231, 242
Decimal	15132658
CIE Lab	92.00, 1.68, -5.45
CIE LCh	92, 5.704, 287.144
Yxy	80.7044, 0.3052, 0.3177
Android (android.graphics.Color)	4293322738 (0xFFE6E7F2)
YUV	231.9550, 4.9522, -1.7145
Hunter-Lab	89.8356, -3.1407, -0.3533

Details

The CIELCh color `92, 5.704, 287.144` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 5.632, 106.056`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 5.999, 290.773` is the 20% darker color. If you saturate the color by 10%, you get `85, 17.513, 288.315`, and if you desaturate by 10%, it is `99, 5.688, 106.069`.

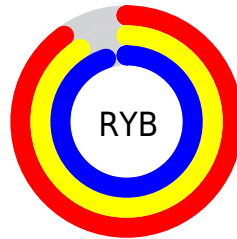
Distribution



Red (90%)

Green (91%)

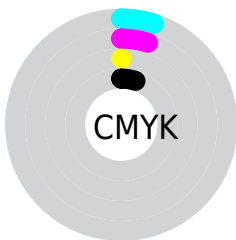
Blue (95%)



Red (90%)

Yellow (91%)

Blue (95%)

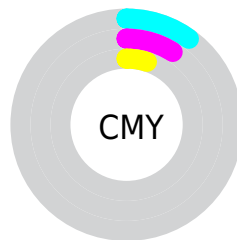


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (10%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.704, 287.144 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 92, 5.704, 287.144 by changing the saturation by 10% instead.

■ 92, 5.704, 287.144

■ 92, 5.704, 287.144

■ 100, 5.704,
287.144

■ 82, 5.704, 287.144

■ 72, 5.704, 287.144

■ 62, 5.704, 287.144

■ 52, 5.704, 287.144

■ 42, 5.704, 287.144

■ 32, 5.704, 287.144

■ 22, 5.704, 287.144

■ 12, 5.704, 287.144

■ 2, 5.704, 287.144

92, 5.704, 287.144

92, 5.704, 287.144

85, 17.513,
288.315

99, 5.688, 106.069

77, 29.783,
289.722

100, 6.371,
109.689

70, 42.548,
291.376

62, 55.841,
293.304

55, 69.653,
295.510

48, 83.847,
297.949

42, 97.984,
300.488

37, 111.049,
302.879

■ 33,121.358,
304.795

Harmonies

Complementary

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



92, 5.704, 287.144



95, 5.632, 106.056

Rectangle

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



92, 5.704, 287.144



92, 5.704, 337.144



92, 5.704, 107.144



92, 5.704, 157.144

Sweetspot

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



92, 5.702, 287.130



99, 1.200, 286.786



95, 4.243, 190.911



53, 0.683, 286.786



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 5.702, 287.130



95, 7.209, 287.245



92, 6.464, 305.732



48, 4.629, 287.314



23, 101.712, 305.239



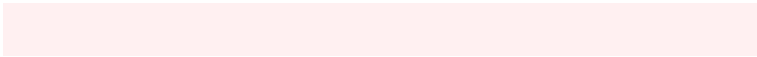
4, 37.585, 298.352

Inverse Universe

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



92, 4.343, 12.730



96, 5.502, 12.844



95, 6.393, 125.275



49, 3.537, 12.908



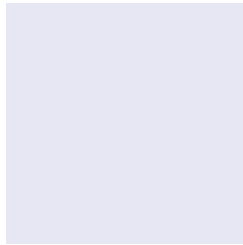
39, 79.051, 36.665



8, 30.524, 21.634

Previews

White Background



This preview shows how the CIELCh color 92, 5.704, 287.144 looks on a white background.

Color Contrast Check

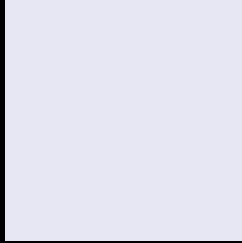
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 5.704, 287.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

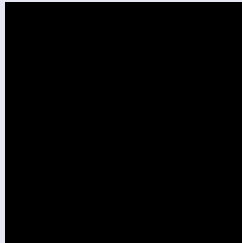
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

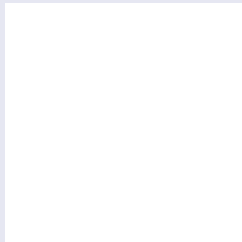
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.704, 287.144

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.704, 287.144.



This preview shows how white text looks on a background with the CIELCh color 92, 5.704, 287.144.

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
92, 9.854, 292.966

Trichromacy



Original Color
92, 5.704, 287.144

Protanomaly
92, 5.714, 294.142

Deuteranomaly
92, 9.875, 323.064

Tritanomaly
92, 8.284, 290.843

Monochromacy



Original Color
92, 5.704, 287.144

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.101, 280.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.704, 287.144 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(230, 231, 242)` looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 242)  
}
```

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(230, 231, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.704, 287.144 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(230, 231, 242) }
```

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

```
.border{ border-color:rgb(230, 231, 242) }
```

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

Here you see how a box with a 4 pixel rgb(230, 231, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 242);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.704, 287.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 242) }
```

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

```
.background{ background-color: rgb(230,  
231, 242) }
```

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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